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Long-Term Temperature Monitoring Program 1989: Scotia-Fundy and the Gulf of St. Lawrence

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Canadian Data Report Of Hydrography and Ocean Sciences

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Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications is published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 39, Index to Publications 1982. The current series, which begins with report number 1, was initiated in January 1982.

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Les rapports statistiques servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens. En général, les rapports contiennent des données brutes ou analysées, mais ne fournissent pas d'interprétation des données. Ces compilations sont préparées le plus souvent à l'appui de travaux liés aux programmes et intérêts du service des Sciences et leves océaniques (SLO) du ministère des Pêches et des Océans.

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Les établissements des Sciences et leves océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports en décembre 1981. Une liste complète de ces publications figure dans le volume 39, Index des publications 1982, du *Journal canadien des sciences halieutiques et aquatiques*. La série actuelle a commencé avec la publication du rapport numéro 1 en janvier 1982.

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by

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ABSTRACT

Gregory D.N., E. Verge, and P. Langille. 1990. Long-Term Temperature Monitoring Program 1989: Scotia-Fundy and the Gulf of St. Lawrence. Can. Data Rep. Hydrogr. Ocean Sci. No. 84: vi + 175 pp.

Daily mean sea temperatures and time-series plots of the temperatures measured at various depths in the Scotia-Fundy and Gulf of St. Lawrence areas from instruments recovered in 1989 are presented together with degree day calculations.

RESUME

Gregory D.N., E. Verge, and P. Langille. 1990. Long-Term Temperature Monitoring Program 1989: Scotia-Fundy and the Gulf of St. Lawrence. Can. Data Rep. Hydrogr. Ocean Sci. No. 84: vi + 175 pp.

On présente les moyennes quotidiennes de la température de l'eau de mer et des graphiques des températures mesurées à diverses profondeurs en fonction du temps (series chronologiques) pour les régions de Scotia-Fundy et du golfe du Saint-Laurent. Les données ont été recueillies en 1989. On présente également les calculs des degrés-jours.

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INTRODUCTION

Temperature data from coastal areas have been collected extensively from Newfoundland region since 1967 and Scotia-Fundy and Gulf of St. Lawrence since 1978. The program, referred to as the Long Term Temperature Monitoring Program, is conducted mainly in support of various fisheries programs as well as to monitor any long term changes of temperature. Instrument calibration, maintenance, distribution, data analysis and publication is carried out primarily at the Bedford Institute of Oceanography. Previous reports in this series are listed in the bibliography.

The calibrated temperature data are incorporated into the thermograph data archive held by the Physical and Chemical Sciences Branch at the Bedford Institute. The data are available to any individual upon request from the Data Management Section of Physical and Chemical Sciences at BIO.

As was the case last year, only data from Scotia-Fundy, Gulf and Quebec regions are reported. The Physical and Chemical Sciences Branch in Newfoundland region are responsible for the collection and reporting of thermograph data in its region.

INSTRUMENTATION

The Ryan Thermograph Model J is the primary instrument for the Long Term Temperature Monitoring Program. The instruments are purchased, calibrated and distributed for mooring from the Bedford Institute. When an instrument is returned, the analogue record is removed, start and stop time of data and any problems noted. The instrument is then forwarded to the Data Analysis Section for processing. At regular intervals each thermograph is routed through the Coastal Oceanography instrument shop for calibration checks to maintain data integrity. Should maintenance of the thermograph be required, the instrument is sent to the local repair facility in Kentville, Nova Scotia.

A second instrument which is gradually being phased into the program is the Hugrun Seamon temperature recorder model MS-100SH. The Hugren is a

digitally recording instrument with a claimed accuracy and resolution of 0.1°C over the range of -5°C to +20°C. This year the Hugren instruments were used at Borden, PEI and IML saltwater intake at Mont Joli, Que.

Various federal and provincial agencies and universities throughout Atlantic Canada are supplied with thermographs by BIO. The thermographs are started prior to delivery and then dispatched in a condition ready for immediate mooring. The requirement that field attendants do not open the thermograph case has effectively reduced the instrument failure rate due to flooding.

A group of selected attendants throughout Scotia-Fundy region are contracted by BIO. Gulf and Quebec regions maintain their own system for arranging deployments. It is the responsibility of an attendant to moor the thermograph at a pre-selected site, inspect the mooring during the mooring period and recover the thermograph according to schedule. Mooring configurations are generally modified to meet local conditions. The thermographs are returned to BIO as soon as practicable after recovery has taken place.

CALIBRATIONS

Calibrations of Ryan recorders are carried out in the Coastal Oceanography instrument shop at the Bedford Institute.

The complete thermograph is submerged in an 180 litre insulated bath containing seawater. Temperature is controlled with a Neslab HX75 refrigerated recirculating heat exchanger connected to 12 metres of coiled stainless steel tubing at the bottom of the bath. Circulation is accomplished with the use of an upward facing submersible pump also placed at the bottom of the bath. Temperature is monitored using a Guildline 9535 platinum resistance thermometer. The complete system is stable to 0.05°C/day.

Up to 14 thermographs can be calibrated at one time. Once the bath has equilibrated, sufficient time is allowed for the chart paper to advance. The instruments are subjected to nominal temperatures of 20, 15, 10, 5 and -1°C.

STATION DESIGNATIONS

To standardize the method of station identification, the Unit Areas defined by the Department of Fisheries and Oceans have been adopted. A chart of these areas is shown in Fig. 1. The data in this report are organized by Unit Area and sequenced alpha/numerically.

Individual stations in each region are established in numerical sequence of data processing. Gulf of St. Lawrence deployments start with station number 100. Scotia-Fundy begins at station number 400.

DATA PRESENTATION

General

All Ryan data were digitized using a 36" digitizing tablet with a resolution of 0.001". Digitized values are averaged over a four hour sampling interval and interpolated to the mid-point of the sample. Hugrun data are sampled at thirty minute intervals and averaged over four hours.

Although present values are reported to the nearest $0.1^{\circ}C$, the $0.5^{\circ}C$ accuracy maintained for previous reports still applies.

The report primarily contains data from instruments recovered in 1989, however, previously unreported data from prior years are also included.

Time Series Plots

The complete data sets are presented as time series plots on a scale of 4 months/plot. Both Julian and Gregorian dates are presented to facilitate analysis.

A station location map is also provided with each plot. The station location appears as a solid circle in the Unit Area.

Some of the plots include comments when some irregularity was noted with

the instrument. In most cases, the comments are intended to draw attention to a lack of confidence in the data, although the cause of the errors (or even if the data are in error) may not be known.

Mean Daily Temperature

Mean daily temperature, $0^{\circ}C$ and $4^{\circ}C$ "degree-days" are listed adjacent to the corresponding temperature time-series plots. The "degree-days" are the daily accumulation of degrees above the specified reference temperature. Note that when a reading is less than the reference temperature, the accumulated degree days are not decremented.

Monthly Degree Day Tables

Monthly degree calculations relative to $0^{\circ}C$ are presented in Table 2. This table presents monthly calculations for time series, month and year contained in the report. No calculations are made for months containing less than 15 days data. Incomplete months with more than 15 days data are extrapolated to the full month. Note that the table listings are alphabetical.

SUMMARY OF DATA RETURNS

	S/F	Gulf[2]
Deployments during 1989	59	
Useful Recoveries[1] during 1989	27	53
Returned unused	0	3
Returned with no useful data	5	1
In the field - to be reported in 1991	40	28

Data Summary for 1989

Recoveries in 1989[1] (days)	3889	6180
Average deployment length for 1989[1](days)	144	117

[1]Includes instruments deployed in 1988 and recovered in 1989.

[2]Gulf Region is responsible for their own deployments and recoveries. The reported statistics are based on data received.

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TABLE 1

SUMMARY OF SCOTIA-FUNDY TEMPERATURE DATA RECOVERED IN 1988

AREA	STA	NAME	SERIAL	DEPTH	LAT	LONG	START	END	DAYS
4VN	406	NEIL'S HBR NS (DFO HFX)	64139	3.0	45.80	60.32	4/ 5/88	1/11/88	180
4VN	408	GABARUS NS (DFO HFX)	64136	3.0	45.82	60.08	6/ 5/88	10/10/88	157
4XO	401	CAPE SABLE IS NS	63320	10.0	43.44	65.50	4/ 6/88	2/11/88	151
4XO	402	CHARLESVILLE NS	63811	6.0	43.63	65.78	4/ 4/88	29/ 7/88	116
4XO	407	PORT HEBERT NS (DFO HFX)	64137	8.0	45.83	64.94	16/ 6/88	19/10/88	125

SUMMARY OF SCOTIA-FUNDY TEMPERATURE DATA RECOVERED IN 1989

AREA	STA	NAME	SERIAL	DEPTH	LAT	LONG	START	END	DAYS
4WK	408	BIO MARINA NS	63281	.0	44.70	63.61	18/11/88	4/ 5/89	166
4WK	404	PORT BICKERTON NS	62903	35.0	45.05	61.75	21/10/88	14/ 4/89	174
4WK	405	PORT BICKERTON NS	63285	22.0	45.05	61.75	21/10/88	14/ 4/89	174
4WK	416	BIO MARINA NS	62471	2.0	44.70	63.61	4/ 5/89	19/10/89	167
4WK	421	PORT BICKERTON NS	60989	11.0	45.05	61.75	28/ 4/89	27/10/89	182
4WK	422	PORT BICKERTON NS	61671	22.0	45.05	61.75	4/ 5/89	10/10/89	159
4WK	423	PORT BICKERTON NS	62861	4.0	45.05	61.75	28/ 4/89	11/10/89	166
4XM	411	NORTH WEST COVE NS	64181	20.0	41.52	64.00	1/ 9/88	8/ 3/89	187
4XM	412	NORTH WEST COVE NS	64182	10.0	41.52	64.00	1/ 9/88	3/ 3/89	183
4XM	413	NORTH WEST COVE NS	64167	10.0	41.52	64.00	14/ 3/89	7/ 9/89	176
4XM	414	NORTH WEST COVE NS	63348	30.0	41.52	64.00	14/ 3/89	22/ 8/89	161
4XM	415	NORTH WEST COVE NS	64177	20.0	41.52	64.00	14/ 3/89	23/ 8/89	161
4XO	403	RANKIN IS NS (DFO HFX)	63317	8.0	43.74	65.86	26/10/88	19/ 4/89	175
4XO	425	CHARLESVILLE NS	62898	6.0	43.63	65.78	27/ 3/89	2/10/89	189
4XO	426	CAPE SABLE ISLAND NS	63375	10.0	46.44	65.50	21/ 7/89	25/11/89	127
4XS	409	ST ANDREWS NB	62491	.0	45.08	67.03	7/12/88	23/ 5/89	166
4XS	410	PENDLETON PASSAGE NB (UNB)	63303	2.0	45.03	66.95	30/ 1/89	10/ 3/89	39
4XS	417	BRANDY COVE NB	63446	10.0	45.08	67.09	15/ 9/89	21/10/89	36
4XS	418	BRANDY COVE NB	63299	4.0	45.08	67.09	15/ 9/89	27/11/89	73
4XS	419	DEADMAN HARBOUR NB	62507	4.0	45.04	66.78	14/ 9/89	27/11/89	73
4XS	420	DEADMAN HARBOUR NB	62903	12.0	45.04	66.78	14/ 9/89	27/11/89	73
4XS	424	ST ANDREWS NB	63280	.0	45.08	67.03	23/ 5/89	15/11/89	175

TABLE 1

SUMMARY OF GULF TEMPERATURE DATA RECOVERED IN 1986

AREA	STA	NAME	SERIAL	DEPTH	LAT	LONG	START	END	DAYS
4TF	142	ILES DE LA MADELEINE PQ	63256	2.0	47.41	61.82	27/ 5/86	12/11/86	168
4TF	146	ILES DE LA MADELEINE PQ	63424	2.0	41.58	61.51	28/ 5/86	10/11/86	165
4TF	147	ILES DE LA MADELEINE PQ	63259	2.0	47.23	61.88	5/ 6/86	22/10/86	139

SUMMARY OF GULF TEMPERATURE DATA RECOVERED IN 1987

AREA	STA	NAME	SERIAL	DEPTH	LAT	LONG	START	END	DAYS
4TF	144	ILES DE LA MADELEINE PQ	63256	2.0	47.57	61.53	17/11/86	20/ 5/87	183
4TF	145	ILES DE LA MADELEINE PQ	63259	2.0	47.42	61.82	18/11/86	20/ 5/87	183
4TG	103	SAVAGE HBR PEI	64174	20.0	46.48	62.85	18/ 7/87	4/12/87	139
4TN	117	GRANDE RIVIERE PQ	64141	9.0	48.38	64.50	30/ 6/87	25/ 9/87	87

SUMMARY OF GULF TEMPERATURE DATA RECOVERED IN 1988

AREA	STA	NAME	SERIAL	DEPTH	LAT	LONG	START	END	DAYS
4RC	100	PORT AU PORT NFLD	62902	11.0	48.57	58.73	27/11/87	27/ 4/88	152
4RC	101	PORT AU PORT NFLD	62910	11.0	48.57	58.73	6/ 9/88	29/11/88	84
4SW	110	LA TABATIERE PQ (DUCK ISLAND)	63545	5.0	50.97	58.88	30/ 9/88	30/12/88	91
4SW	112	LA TABATIERE PQ (BAIE DE TABAT	63546	5.0	50.84	58.97	30/ 9/88	29/12/88	89
4SY	118	CAP AU CORBEAU PQ (LAVAL)	63912	10.0	50.21	63.57	25/ 4/88	4/10/88	161
4SY	119	CAP AU CORBEAU PQ (LAVAL)	61672	1.0	50.21	63.57	13/ 6/88	24/ 6/88	10
4TF	139	ILES DE LA MADELEINE PQ	64085	2.0	47.26	61.85	9/ 6/88	13/10/88	125
4TF	141	ILES DE LA MADELEINE PQ	64078	2.0	47.41	61.82	1/ 6/88	25/10/88	146
4TH	113	MCKENNA'S POND PEI	63390	2.0	46.25	62.72	14/ 6/88	2/ 9/88	79
4TH	114	MCKENNA'S POND PEI	63391	2.0	46.25	62.72	14/ 6/88	2/ 9/88	79

SUMMARY OF GULF TEMPERATURE DATA RECOVERED IN 1989

AREA	STA	NAME	SERIAL	DEPTH	LAT	LONG	START	END	DAYS
4JB	128	JAMES BAY (WEMINDJI)	61682	3.0	52.91	79.00	2/ 6/89	27/ 8/89	85
4JB	129	JAMES BAY PQ (WEMINDJI)	61048	8.0	52.91	79.00	2/ 6/89	27/ 8/89	86
4LF	127	ILES DE LA MADELEINE	63439	30.0	47.27	61.70	20/ 7/89	25/10/89	96
4SW	104	LA TABATIERE PQ (SCALLOP BAY)	63761	5.0	50.95	58.90	30/ 9/88	1/ 4/89	182
4SW	105	LA TABATIERE PQ (SCALLOP BAY)	63762	10.0	50.95	58.90	30/ 9/88	2/ 4/89	184
4SW	106	LA TABATIERE PQ (PETIT PASSAGE	63922	5.0	50.95	58.93	30/ 9/88	18/ 3/89	169
4SW	107	LA TABATIERE PQ (TRAINO BAY)	63921	10.0	50.98	58.90	30/ 9/88	2/ 4/89	184
4SW	108	LA TABATIERE PQ (TRAINO BAY)	63920	5.0	50.98	58.90	30/ 9/88	29/ 3/89	180
4SW	109	LA TABATIERE PQ (INDIAN PASSAG	63919	5.0	51.01	58.82	30/ 9/88	5/ 4/89	187
4SW	111	LA TABATIERE PQ (DUCK ISLAND)	63547	10.0	50.97	58.88	30/ 9/88	2/ 1/89	93
4SY	130	CAP AU CORBEAU PQ (LAVAL)	63807	3.0	50.33	63.95	12/ 6/89	28/ 8/89	77
4SY	131	CAP AU CORBEAU PQ (LAVAL)	63341	18.0	50.33	63.95	12/ 6/89	28/ 8/89	76
4TF	138	ILES DE LA MADELEINE PQ	63799	2.0	47.26	61.85	26/ 5/89	14/11/89	171
4TF	140	ILES DE LA MADELEINE PQ	63912	2.0	47.41	61.81	29/ 5/89	23/11/89	178
4TF	143	ILES DE LA MADELEINE PQ	61526	2.0	47.56	61.53	1/ 6/89	16/11/89	168
4TF	148	ILES DE LA MADELEINE PQ	63793	1.0	47.36	61.96	19/ 7/89	24/11/89	128
4TF	149	ILES DE LA MADELEINE PQ	62501	2.0	47.22	61.87	5/ 6/89	27/ 9/89	114
4TG	115	SOURIS HBR PEI (SEAKEM)	63818	2.0	46.28	62.28	15/ 9/89	12/10/89	27
4TG	116	SOURIS HBR PEI (SEAKEM)	63335	2.0	46.33	62.27	15/ 9/89	12/10/89	27
4TG	123	OFFICERS POND PEI	64161	.8	46.33	63.07	9/ 6/89	4/ 9/89	87
4TG	133	SAVAGE HBR PEI	63450	.0	46.46	62.85	5/ 7/89	20/10/89	107
4TH	102	BORDEN PEI	64160	.0	46.32	63.73	8/10/88	13/ 4/89	187
4TH	120	CLARK'S POND PEI	63798	.6	46.26	62.86	9/ 6/89	27/ 6/89	18
4TH	121	EVERGLADES POND PEI	63387	.8	46.30	62.66	9/ 6/89	17/ 9/89	100
4TH	122	MCKENNA'S POND PEI	63386	.6	46.26	62.71	9/ 6/89	18/ 9/89	100
4TH	124	STICKS POND PEI	63390	.5	46.31	62.64	9/ 6/89	19/ 9/89	101
4TH	126	BORDEN PEI	63764	.0	46.32	63.73	27/ 4/89	30/ 5/89	33
4TH	135	BOUCTOUCHE (SITE 2) NB (NBDF)	64367	1.2	46.47	64.71	5/ 5/89	25/10/89	172
4TH	150	BORDEN PEI (HUGRUN)	4339	.0	46.32	63.73	30/ 5/89	10/11/89	164
4TL	125	BIG SEVOGLE NB	62497	1.0	47.10	66.93	7/ 7/89	11/ 9/89	66
4TL	134	BAIE STE ANNE NB (NBDF)	62468	4.7	47.08	65.08	13/ 6/89	21/10/89	130
4TL	136	RICHIBOUCTOU NB (NBDF)	64365	7.1	46.69	64.83	8/ 5/89	29/10/89	173
4TP	132	LES ESCOUMAINS PQ	64162	13.0	48.32	69.41	19/ 3/89	5/ 8/89	138
4TP	151	IML SALT WATER INTAKE (HUGRUN)	4338	15.0	48.64	68.15	11/ 5/89	27/10/89	168

TABLE 2

SCOTIA-FUNDY MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 88 (• INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
BIO MARINA NS	.0												162.6
CAPE SABLE IS NS	10.0						242.0•	242.9	261.7	386.1	366.0	20.0	
CHARLESVILLE NS	6.0				108.6•	195.7	286.3	330.3•					
GABARUS NS (DFO HFX)	3.0					113.8•	196.4	352.6	507.0	438.5			
NEIL'S HER NS (DFO HFX)	3.0					94.8•	211.5	414.9	511.3	439.5	332.8		
NORTH WEST COVE NS	18.0									161.0	270.2	174.5	114.7
NORTH WEST COVE NS	9.0									272.9	323.3	227.5	127.4
PORT BICKERTON NS	35.0											196.5	107.0
PORT BICKERTON NS	22.0											230.6	122.1
PORT HEBERT NS (DFO HFX)	8.0						309.3•	385.2	353.8	340.7	309.5•		
RANKIN IS NS (DFO HFX)	8.0											234.3	76.0
ST ANDREWS NB	.0												89.2•

SCOTIA-FUNDY MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 89 (• INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
BIO MARINA NS	.0	103.3	71.2	94.3	153.8								
BIO MARINA NS	2.0					288.4•	328.9	466.5	474.6	486.5	319.7•		
BRANDY COVE NB	10.0									343.6•	388.4•		
BRANDY COVE NB	4.0									356.8•	338.7	288.6•	
CAPE SABLE ISLAND NS	10.0								210.8	322.8	219.2	238.8•	
CHARLESVILLE NS	6.0				103.8	219.4	385.6	484.5	411.1	389.8	27.7•		
DEADMAN HARBOUR NB	4.0									383.3•	345.0	296.3•	
DEADMAN HARBOUR NB	12.0									381.8•	267.3	224.6•	
NORTH WEST COVE NS	18.0	49.4	18.1										
NORTH WEST COVE NS	9.0			26.6•	38.6	102.5	235.1	291.5	247.6				
NORTH WEST COVE NS	9.0	66.2	41.5										
NORTH WEST COVE NS	18.0			18.3•	33.7	91.8	182.3	283.7	196.2•				
NORTH WEST COVE NS	36.0			4.8•	14.5	63.6	166.5	195.3	162.5•				
PENDLETON PASSAGE NB (UNB	2.0		2.0										
PORT BICKERTON NS	35.0	15.6	1.0	.0									
PORT BICKERTON NS	11.0					163.2	285.8	339.3	383.3	461.4	345.0•		
PORT BICKERTON NS	22.0	33.9	13.1	12.2									
PORT BICKERTON NS	4.0					158.4	275.2	385.6	385.8	463.0			
PORT BICKERTON NS	22.0					69.4•	179.4	169.7	227.6	345.5			
RANKIN IS NS (DFO HFX)	8.0	1.0	3.8	40.0	158.2•								
ST ANDREWS NB	.0	28.2	11.1	11.0	62.2	228.8•							
ST ANDREWS NB	.0						285.5	368.5	417.7	392.3	321.5		

TABLE 2

GULF MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 86 (* INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
ILES DE LA MADELEINE PQ	2.0						480.4	538.0	591.3	418.7	269.2		
ILES DE LA MADELEINE PQ	2.0						374.3	520.2	571.7	418.5	285.0		
ILES DE LA MADELEINE PQ	2.0												6.6
ILES DE LA MADELEINE PQ	2.0						376.3*	585.6	556.2	378.6	257.8*		
ILES DE LA MADELEINE PQ	2.0												3.0

GULF MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 87 (* INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
GRANDE RIVIERE PQ	9.0							358.1	418.8	339.9*			
ILES DE LA MADELEINE PQ	2.0	.0	.0	.0	16.3	165.2*							
ILES DE LA MADELEINE PQ	2.0	.0	.0	.0	34.1	228.2*							
PORT AU PORT NFLD	11.0												78.3
SAVAGE HBR PEI	20.0								251.0	389.4	312.4	128.3	

GULF MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 88 (* INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
BORDEN PEI	.0										295.6*	154.0	7.4
CAP AU CORBEAU PQ (LAVAL)	1.0												
CAP AU CORBEAU PQ (LAVAL)	10.0					22.9	116.2	251.9	180.0	113.9			
ILES DE LA MADELEINE PQ	2.0						285.1*	435.1	561.8	426.2			
ILES DE LA MADELEINE PQ	2.0						325.5	524.6	578.9	382.5	253.1*		
LA TABATIERE PQ	5.0										186.1	95.9	6.8
LA TABATIERE PQ	10.0										213.9	132.6	29.5
LA TABATIERE PQ (INDIAN P	5.0										219.3	132.3	31.6
LA TABATIERE PQ (TRAIND B	10.0										282.0	85.6	4.5
LA TABATIERE PQ	5.0										184.4	114.3	13.7*
LA TABATIERE PQ	5.0										189.4	123.4	54.7
LA TABATIERE PQ (DUCK IS)	5.0										197.0	189.9	11.3*
LA TABATIERE PQ (TRAIND B	5.0										283.8	187.8	10.2
LA TABATIERE PQ (DUCK IS)	10.0										187.1	186.6	9.2
MCKENNA'S POND PEI	2.0						285.1*	359.1	363.4	18.8			
MCKENNA'S POND PEI	2.0						336.5*	439.4	439.2	21.9			
PORT AU PORT NFLD	11.0	.0	.0	.0	12.8*								
PORT AU PORT NFLD	11.0									446.8*	322.1	288.4*	

GULF MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 89 (* INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
BAIE STE ANNE NB (NEDF)	4.7						458.7*	618.3	569.4	447.5	585.9*		
BIG SEVOGLE NB	1.0							636.7*	531.1				
BORDEN PEI	.0						429.5	568.7	589.9	518.4	311.1		
BORDEN PEI	.0	.0	.0	.0									
BORDEN PEI	.0					386.4*							
BOUCTOUCHE (SITE 2) NB	1.2					398.6*	515.4	636.4	615.8	479.7	295.5*		
CAP AU CORBEAU PQ (LAVAL)	3.0						233.3*	181.3	192.5*				
CAP AU CORBEAU PQ (LAVAL)	18.0						157.2*	149.5	175.8*				
CLARK'S POND PEI	.6						487.4*						
EVERGLADES POND PEI	.8						398.5*	473.1	489.1	381.8*			
ILES DE LA MADELEINE PQ	1.0								589.1	429.5	221.6	143.4*	
ILES DE LA MADELEINE	38.0								183.7	221.6	282.8*		
ILES DE LA MADELEINE PQ	2.0						364.3	546.9	688.1	475.3	295.8	256.3*	
ILES DE LA MADELEINE PQ	2.0						389.8*	527.2	548.5	444.4*			
ILES DE LA MADELEINE PQ	2.0						334.6	488.5	525.1	425.2	288.4		
ILES DE LA MADELEINE PQ	2.0						489.2	554.6	575.3	454.6	283.4	185.6*	
IML SALT WATER INTAKE	15.0					185.9*	147.1	228.8	213.7	288.8	116.1*		
JAMES BAY PQ (NEMINDJI)	8.0						36.1*	158.3	247.6*				
JAMES BAY PQ (NEMINDJI)	3.0						63.2*	186.7	288.8*				
LA TABATIERE PQ	5.0	.0	.0	.0									
LA TABATIERE PQ	10.0	.0	.0	.0	.0								

TABLE 2

GULF MONTHLY DEGREE DAYS REFERENCED TO 0 DEG C FOR 89 (• INDICATES EXTRAPOLATED MONTH)

	DEPTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
LA TABATIERE PQ (INDIAN P	5.0	.0	.0	.0									
LA TABATIERE PQ (TRAINO B	10.0	.0	.0	.0	.0								
LA TABATIERE PQ (DOCK IS)	10.0												
LA TABATIERE PQ	5.0	5.0	.0	.0•									
LA TABATIERE PQ (TRAINO B	5.0	.0	.0	.0•									
LES ESCOUMAINS PQ	13.0				42.8	129.3	424.5	574.2					
MCKENNA'S POND PEI	.6						374.1•	462.3	489.9	361.6•			
OFFICERS POND PEI	.8						514.1•	626.6	635.2				
RICHIBOUCTOU NB (NEDF)	7.1					193.5•	386.4	507.5	512.5	408.5	254.8•		
SAVAGE HBR PEI	.0							514.6•	570.1	436.9	350.4•		
SOURIS HBR PEI (SEAKEM)	2.0									443.2•			
SOURIS HBR PEI (SEAKEM)	2.0									445.2•			
STICKS POND PEI	.5						376.9•	418.3	388.6	316.6•			

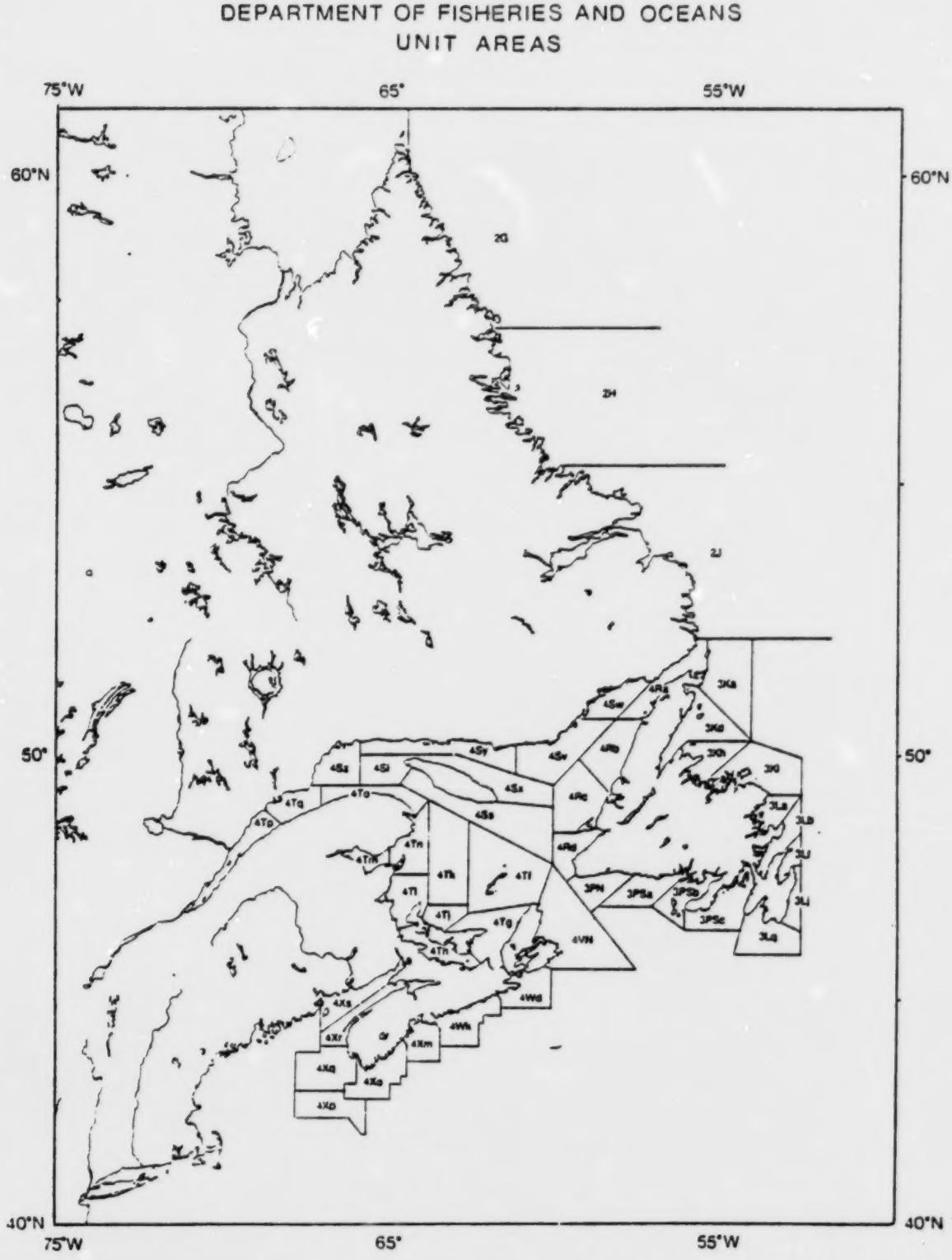


Figure 1. Unit Areas for Scotia-Fundy, Gulf of St. Lawrence and Newfoundland regions.

SCOTIA FUNDY

Daily Mean Temperatures, Accumulative Degree Days relative to 0^{o} and $4^{o}C$ and Temperature Plots

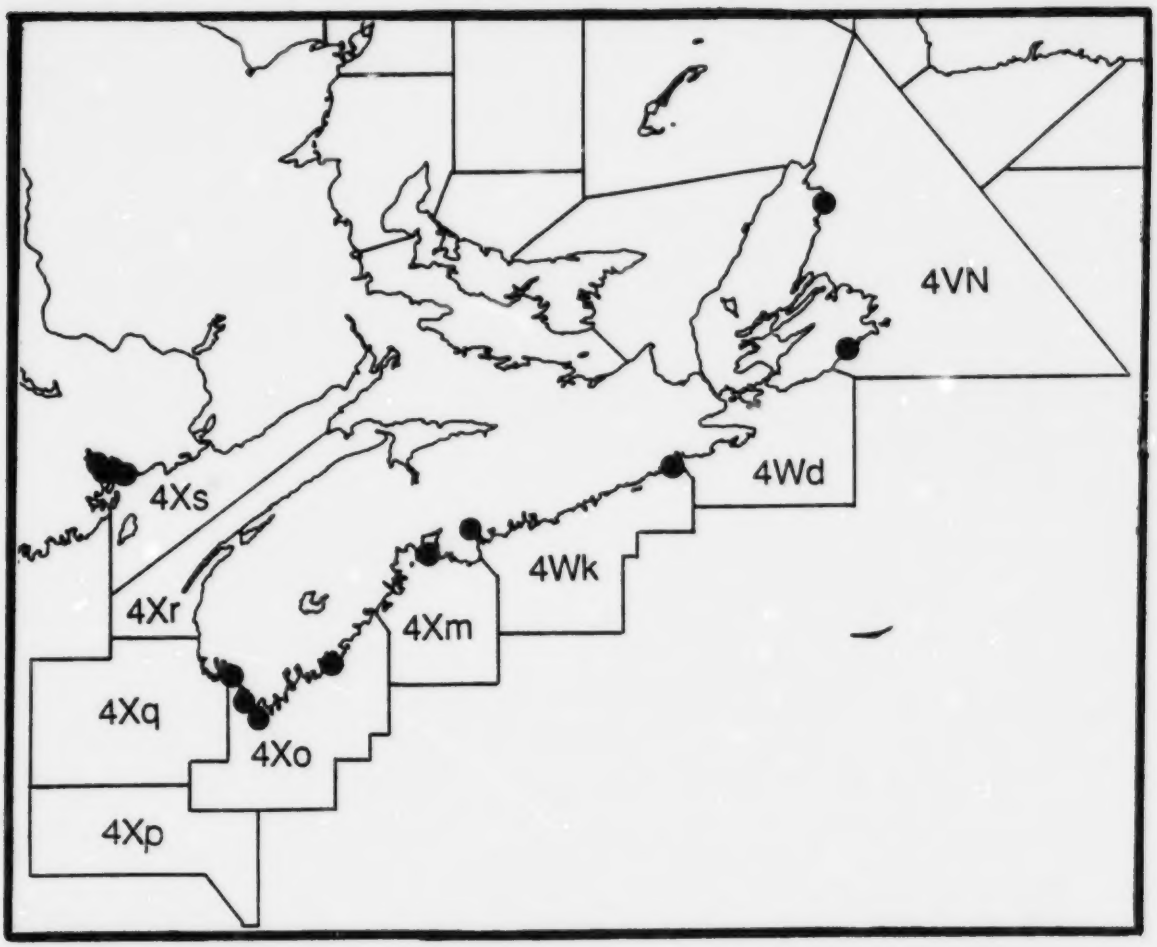


Figure 2. Mooring sites of Scotia-Fundy Unit Areas.

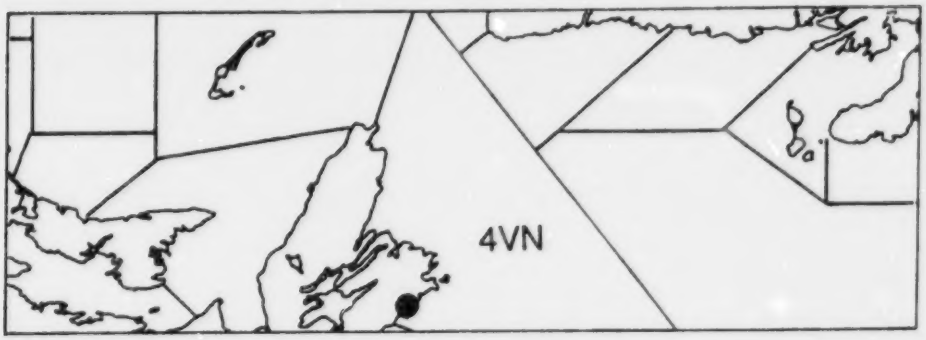
GABARUS NS (DFO HFX)

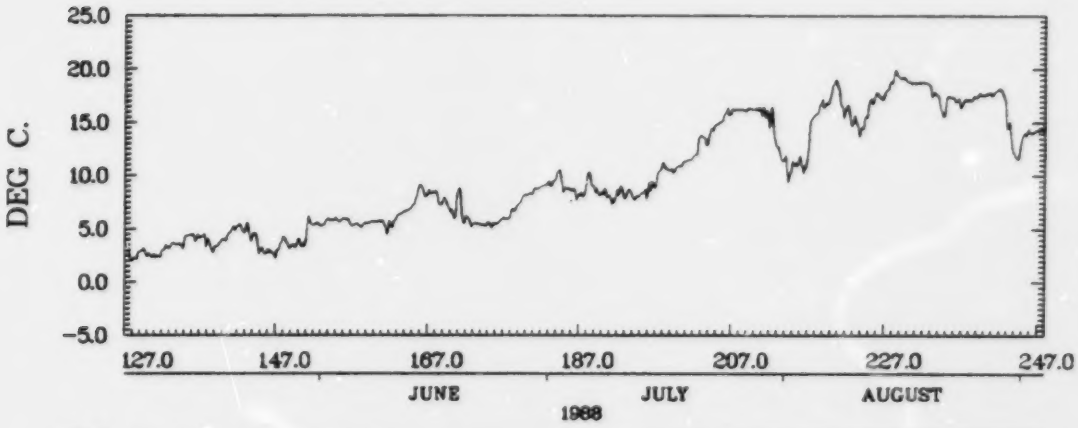
STA. 4VN 408

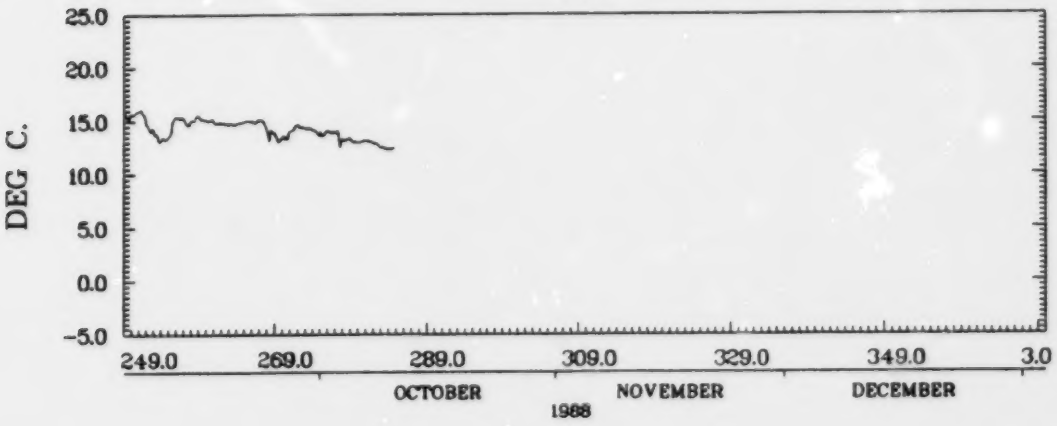
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
6.0M.	3.0M.	45.82	60.08	6/ 5/ 88	10/10/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
127	2.6	2.6	.0	192	8.5	379.2	129.9	257	14.9	1342.6	833.3
128	2.3	4.9	.0	193	8.3	387.5	134.2	258	15.2	1357.8	844.6
129	2.9	7.8	.0	194	7.9	395.4	138.2	259	15.3	1373.1	855.8
130	2.5	10.2	.0	195	8.3	403.7	142.5	260	15.1	1388.2	866.9
131	2.4	12.7	.0	196	9.0	412.7	147.4	261	14.8	1403.0	877.8
132	3.2	15.8	.0	197	10.0	422.7	153.5	262	14.8	1417.8	888.5
133	3.5	19.3	.0	198	10.8	433.5	160.2	263	14.7	1432.5	899.3
134	3.4	22.8	.0	199	10.5	444.0	166.7	264	14.8	1447.4	910.1
135	4.3	27.0	.3	200	11.0	455.0	173.8	265	15.0	1462.4	921.1
136	4.2	31.2	.4	201	11.4	466.5	181.2	266	15.0	1477.3	932.1
137	4.1	35.3	.5	202	12.5	478.9	189.7	267	14.9	1492.3	943.0
138	3.4	38.7	.5	203	13.4	492.3	199.0	268	13.9	1506.1	952.9
139	3.5	42.2	.5	204	14.1	506.4	209.2	269	13.4	1519.6	962.3
140	4.1	46.3	.6	205	14.9	521.4	220.1	270	13.6	1533.1	971.9
141	4.9	51.2	1.5	206	15.9	537.2	232.0	271	14.2	1547.4	982.1
142	5.1	56.3	2.6	207	16.1	553.4	244.1	272	14.5	1561.8	992.6
143	4.8	61.1	3.4	208	16.2	569.5	256.3	273	14.3	1576.1	1002.9
144	4.0	65.1	3.4	209	16.2	585.8	268.5	274	14.0	1590.1	1012.8
145	2.9	68.0	3.4	210	16.2	602.0	280.7	275	13.8	1603.9	1022.7
146	2.8	70.8	3.4	211	15.8	617.8	292.6	276	14.0	1617.9	1032.6
147	3.1	73.9	3.4	212	14.7	632.6	303.3	277	13.5	1631.4	1042.1
148	3.8	77.7	3.4	213	12.0	644.5	311.3	278	13.3	1644.7	1051.4
149	3.4	81.1	3.4	214	10.6	655.1	317.8	279	13.1	1657.8	1060.5
150	3.6	84.7	3.4	215	11.2	666.3	325.0	280	13.1	1670.8	1069.6
151	5.3	90.0	4.8	216	10.9	677.2	332.0	281	13.1	1683.9	1078.7
152	5.4	95.5	6.2	217	14.2	691.4	342.1	282	12.8	1696.7	1087.5
153	5.4	100.9	7.6	218	16.1	707.5	354.3	283	12.4	1709.2	1095.9
154	5.8	106.7	9.4	219	16.7	724.3	367.0	284	12.4	1721.6	1104.3
155	5.8	112.5	11.2	220	18.4	742.7	381.4				
156	5.8	118.3	13.1	221	16.9	759.6	394.3				
157	5.4	123.7	14.4	222	15.8	775.4	406.1				
158	5.3	129.0	15.8	223	14.8	790.1	416.9				
159	5.6	134.6	17.3	224	15.0	805.1	427.8				
160	5.7	140.3	19.0	225	17.0	822.1	440.9				
161	5.2	145.4	20.2	226	17.4	839.6	454.3				
162	5.5	151.0	21.7	227	18.2	857.8	468.5				
163	6.3	157.3	24.0	228	19.4	877.1	483.9				
164	6.8	164.1	26.8	229	19.1	896.3	499.0				
165	7.7	171.8	30.5	230	18.7	915.0	513.7				
166	8.6	180.4	35.1	231	18.7	933.7	528.4				
167	8.4	188.8	39.5	232	18.7	952.4	543.1				
168	7.8	196.6	43.3	233	17.7	970.1	556.9				
169	7.4	204.0	46.7	234	16.3	986.5	569.2				
170	6.7	210.7	49.4	235	17.3	1003.8	582.5				
171	7.2	217.9	52.6	236	17.0	1020.8	595.5				
172	5.8	223.7	54.5	237	17.0	1037.7	608.5				
173	5.4	229.2	55.9	238	17.2	1054.9	621.7				
174	5.3	234.5	57.2	239	17.6	1072.5	635.2				
175	5.4	239.9	58.7	240	17.7	1090.2	649.0				
176	5.6	245.6	60.3	241	17.8	1108.1	662.8				
177	5.9	251.5	62.2	242	17.6	1125.7	676.4				
178	6.7	258.2	65.0	243	13.8	1139.5	686.2				
179	7.7	265.9	68.7	244	12.1	1151.6	694.3				
180	8.2	274.2	72.9	245	14.0	1165.5	704.3				
181	8.7	282.9	77.6	246	14.1	1179.7	714.4				
182	9.0	291.9	82.6	247	14.3	1194.0	724.7				
183	9.3	301.2	88.0	248	15.6	1209.5	736.3				
184	10.0	311.2	93.9	249	15.5	1225.1	747.8				
185	8.7	319.9	98.6	250	15.7	1240.8	759.5				
186	8.4	328.3	103.0	251	15.8	1256.6	771.3				
187	8.2	336.5	107.2	252	14.3	1271.0	781.7				
188	9.6	346.2	112.9	253	13.6	1284.6	791.3				
189	8.5	354.6	117.4	254	13.4	1298.0	800.7				
190	8.3	363.0	121.7	255	14.4	1312.4	811.1				
191	7.7	370.7	125.4	256	15.3	1327.7	822.5				

STN 408 DEPTH 3M







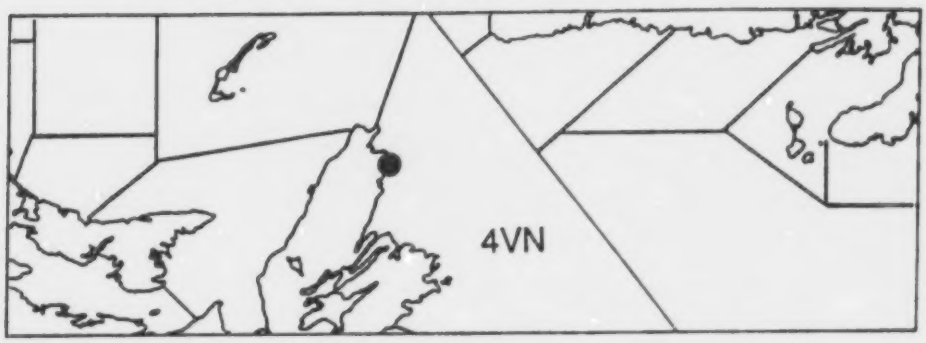
GABARUS NS (DFO HFX)
45.82N 60.08W 1200Z 06/05/88 - 1600Z 10/10/88
INST. 64136

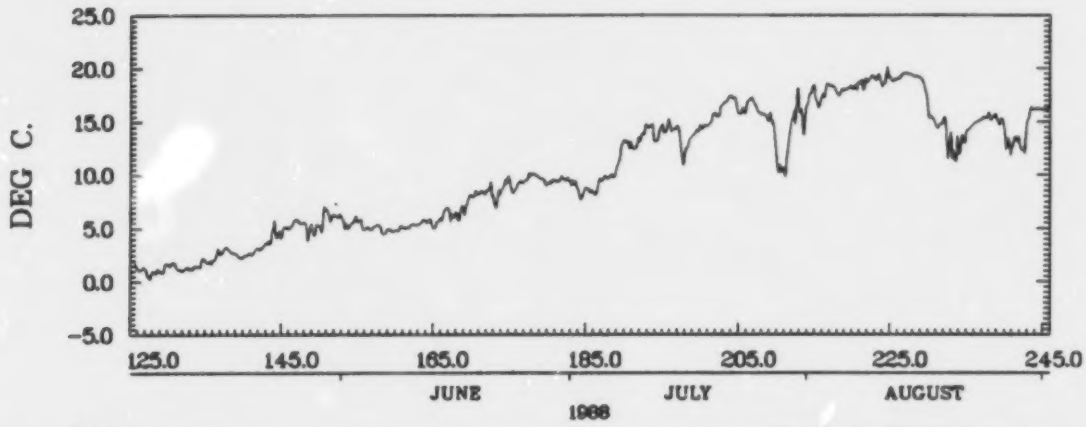
NEIL'S HBR NS (DFO HFX) STA. 4VN 406

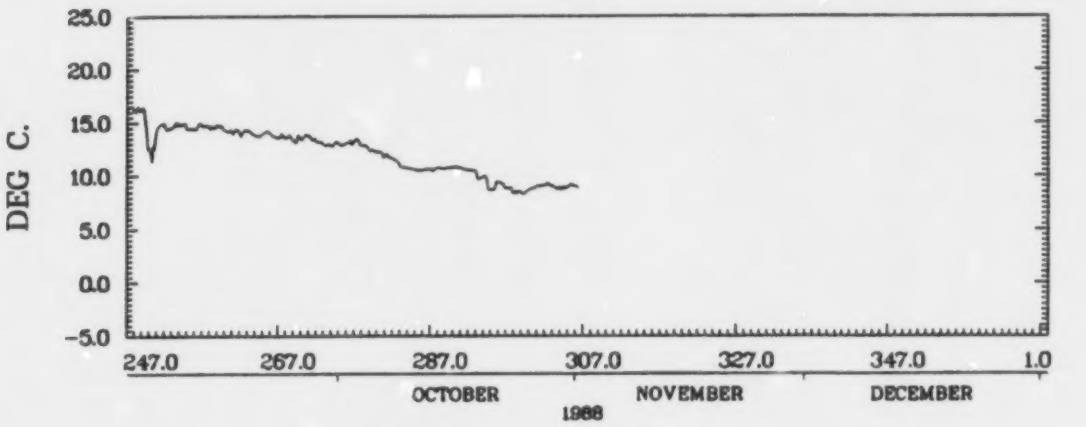
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
4.0M.	3.0M.	45.80	60.32	4/ 5/ 88	1/11/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
125	1.6	1.6	.0	190	13.0	376.0	150.8	255	14.4	1389.5	904.4
126	1.2	2.7	.0	191	12.7	388.7	159.5	256	14.7	1404.2	915.1
127	.7	3.4	.0	192	13.8	402.5	169.4	257	14.7	1419.0	925.8
128	.9	4.4	.0	193	14.4	416.9	179.8	258	14.6	1433.5	936.4
129	1.1	5.5	.0	194	13.6	430.5	189.4	259	14.6	1448.2	947.0
130	1.6	7.1	.0	195	14.4	445.0	199.8	260	14.3	1462.4	957.3
131	1.2	8.4	.0	196	14.4	459.4	210.2	261	14.2	1476.6	967.5
132	1.2	9.6	.0	197	12.8	472.2	219.0	262	14.1	1490.7	977.6
133	1.3	10.8	.0	198	12.8	485.0	227.9	263	14.1	1504.9	987.7
134	1.8	12.6	.0	199	14.0	499.0	237.9	264	13.8	1518.7	997.5
135	1.8	14.4	.0	200	14.6	513.6	248.4	265	14.1	1532.8	1007.6
136	2.4	16.8	.0	201	15.1	528.7	259.6	266	13.8	1546.6	1017.4
137	2.9	19.8	.0	202	15.9	544.6	271.5	267	13.7	1560.3	1027.1
138	2.8	22.6	.0	203	17.0	561.6	284.5	268	13.6	1573.9	1036.8
139	2.4	25.0	.0	204	17.0	578.6	297.5	269	13.4	1587.3	1046.2
140	2.5	27.4	.0	205	15.9	594.5	309.4	270	13.7	1601.0	1055.9
141	2.7	30.2	.0	206	16.9	611.5	322.3	271	13.6	1614.6	1065.5
142	3.2	33.3	.0	207	16.2	627.7	334.5	272	13.2	1627.8	1074.6
143	3.8	37.2	.0	208	15.5	643.2	346.0	273	12.9	1640.7	1083.6
144	4.7	41.9	.7	209	14.7	657.9	356.8	274	13.0	1653.8	1092.6
145	4.8	46.7	1.5	210	10.6	668.5	363.4	275	13.0	1666.7	1101.6
146	5.3	52.0	2.9	211	11.9	680.5	371.3	276	13.1	1679.9	1110.7
147	5.6	57.6	4.5	212	16.2	696.7	383.6	277	13.3	1693.1	1120.0
148	4.9	62.5	5.4	213	15.3	712.0	394.9	278	12.8	1705.9	1128.8
149	4.9	67.4	6.3	214	17.4	729.4	408.2	279	12.4	1718.3	1137.1
150	5.7	73.2	8.0	215	17.0	746.4	421.3	280	12.1	1730.4	1145.2
151	6.2	79.4	10.3	216	17.9	764.3	435.1	281	11.8	1742.2	1153.1
152	6.2	85.6	12.4	217	18.3	782.5	449.4	282	11.5	1753.7	1160.5
153	5.4	90.9	13.8	218	17.7	800.2	463.1	283	10.8	1764.5	1167.3
154	5.6	96.5	15.4	219	18.1	818.3	477.2	284	10.7	1775.2	1174.0
155	5.4	102.0	16.8	220	18.2	836.6	491.4	285	10.5	1785.7	1180.6
156	5.0	106.9	17.8	221	18.6	855.2	506.0	286	10.6	1796.3	1187.2
157	5.2	112.1	18.9	222	19.0	874.2	521.0	287	10.6	1806.9	1193.8
158	4.7	116.8	19.7	223	19.1	893.3	536.1	288	10.7	1817.7	1200.5
159	4.8	121.6	20.5	224	19.0	912.3	551.1	289	10.8	1828.4	1207.3
160	4.9	126.5	21.4	225	19.0	931.2	566.1	290	10.8	1839.3	1214.1
161	5.1	131.6	22.5	226	19.3	950.5	581.4	291	10.6	1849.9	1220.7
162	5.3	136.9	23.8	227	19.5	970.0	596.8	292	10.5	1860.4	1227.2
163	5.6	142.5	25.3	228	19.3	989.3	612.1	293	9.9	1870.3	1233.1
164	5.6	148.1	26.9	229	18.5	1007.8	626.6	294	9.5	1879.8	1238.6
165	5.3	153.4	28.3	230	15.5	1023.2	638.1	295	8.9	1888.7	1243.6
166	6.4	159.8	30.6	231	14.6	1037.9	648.7	296	9.2	1898.0	1248.8
167	6.3	166.0	32.9	232	13.9	1051.7	658.6	297	8.8	1906.7	1253.6
168	6.4	172.4	35.3	233	12.4	1064.1	666.9	298	8.5	1915.2	1258.1
169	7.2	179.7	38.5	234	12.9	1076.9	675.8	299	8.5	1923.7	1262.5
170	8.1	187.8	42.6	235	14.4	1091.3	686.2	300	8.8	1932.5	1267.3
171	8.3	196.1	47.0	236	15.0	1106.3	697.2	301	9.1	1941.6	1272.4
172	8.6	204.7	51.6	237	15.4	1121.7	708.6	302	9.2	1950.7	1277.6
173	7.8	212.5	55.3	238	15.5	1137.2	720.1	303	8.9	1959.6	1282.5
174	9.1	221.6	60.4	239	15.1	1152.3	731.2	304	8.9	1968.5	1287.4
175	8.8	230.4	65.2	240	12.9	1165.3	740.1	305	9.1	1977.6	1292.4
176	9.2	239.6	70.4	241	13.2	1178.5	749.3	306	9.0	1986.6	1297.4
177	9.6	249.2	76.1	242	12.7	1191.2	758.1				
178	10.0	259.2	82.1	243	15.9	1207.1	769.9				
179	9.5	268.7	87.5	244	16.2	1223.3	782.1				
180	9.3	278.0	92.9	245	16.3	1239.6	794.4				
181	9.5	287.5	98.4	246	16.3	1255.9	806.8				
182	9.6	297.1	104.0	247	16.4	1272.3	819.2				
183	9.2	306.4	109.2	248	16.2	1288.6	831.4				
184	8.2	314.5	113.4	249	15.0	1303.6	842.5				
185	8.6	323.1	118.0	250	12.6	1316.2	851.0				
186	8.7	331.8	122.7	251	14.7	1330.9	861.8				
187	9.6	341.4	128.3	252	14.5	1345.4	872.3				
188	9.9	351.3	134.2	253	14.8	1360.2	883.1				
189	11.6	363.0	141.8	254	14.9	1375.1	894.0				

STN 406 DEPTH 3M







NEIL'S HBR NS (DFO HFX)
45.80N 60.32W 1600Z 04/05/88 - 0800Z 01/11/88
INST. 64139

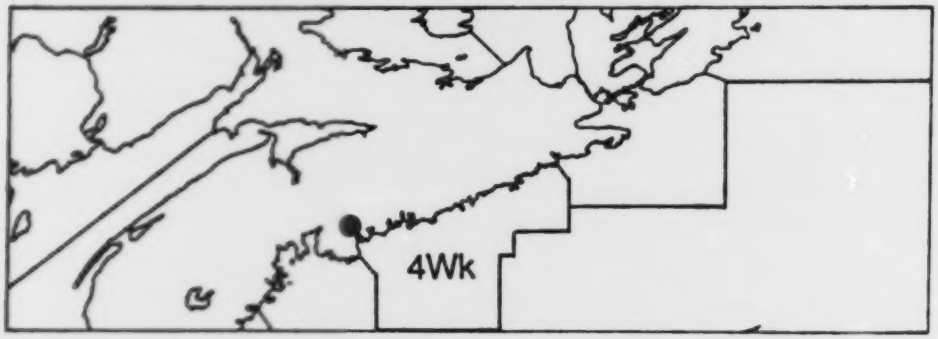
BIO MARINA NS

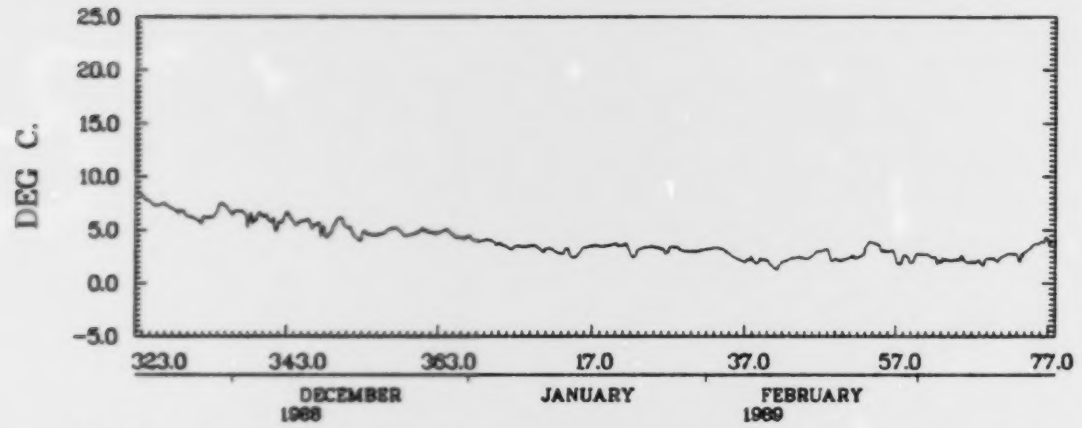
STA. 4WK 400

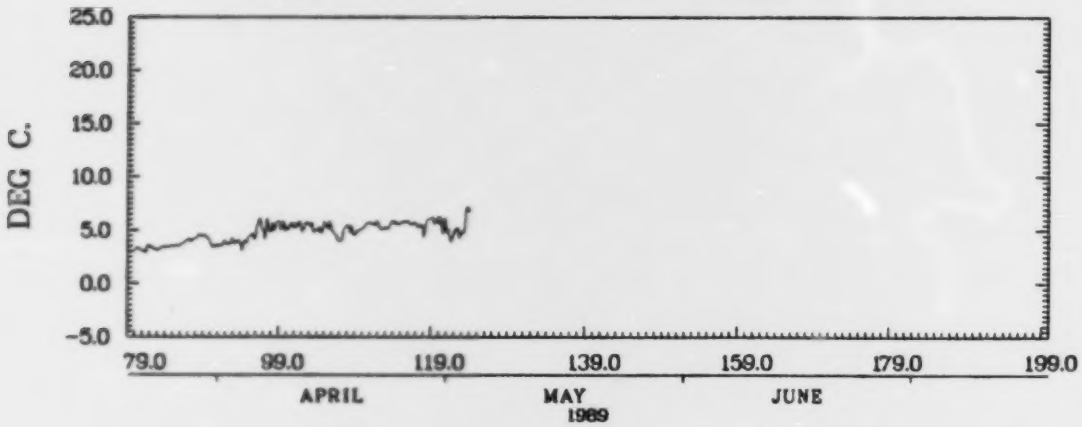
WATER DEPTH 2.0M. | INST DEPTH .0M. | LATITUDE 44.70 | LONGITUDE 63.61 | FROM 18/11/ 88 | TO 4/ 5/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
323	8.4	8.4	4.4	22	2.7	327.8	77.4	87	4.1	509.7	77.6
324	7.9	16.3	8.3	23	3.3	331.1	77.4	88	4.4	514.1	78.0
325	7.4	23.7	11.7	24	3.4	334.5	77.4	89	4.3	518.5	78.4
326	7.4	31.1	15.1	25	3.3	337.8	77.4	90	3.5	522.0	78.4
327	7.2	38.3	18.3	26	3.0	340.9	77.4	91	3.7	525.7	78.4
328	6.8	45.1	21.1	27	3.4	344.2	77.4	92	3.8	529.5	78.4
329	6.6	51.7	23.7	28	3.2	347.4	77.4	93	3.9	533.5	78.4
330	6.2	57.9	25.9	29	3.0	350.4	77.4	94	3.7	537.2	78.4
331	5.9	63.8	27.8	30	3.0	353.4	77.4	95	4.5	541.6	78.8
332	6.2	70.0	30.0	31	3.1	356.5	77.4	96	5.4	547.1	80.2
333	6.4	76.4	32.4	32	3.2	359.8	77.4	97	5.0	552.1	81.3
334	7.4	83.8	35.8	33	3.3	363.1	77.4	98	5.4	557.5	82.7
335	6.8	90.6	38.6	34	3.0	366.1	77.4	99	5.5	562.9	84.1
336	6.7	97.3	41.3	35	2.5	368.6	77.4	100	5.4	568.3	85.5
337	6.4	103.7	43.7	36	2.2	370.8	77.4	101	5.5	573.9	87.0
338	6.1	109.8	45.8	37	2.2	373.0	77.4	102	5.4	579.2	88.4
339	6.4	116.1	48.1	38	2.0	375.0	77.4	103	5.2	584.4	89.6
340	6.1	122.3	50.3	39	2.2	377.2	77.4	104	5.0	589.5	90.7
341	5.5	127.8	51.8	40	1.8	379.0	77.4	105	5.5	595.0	92.2
342	5.9	133.7	53.7	41	1.6	380.5	77.4	106	4.5	599.5	92.7
343	6.3	140.0	56.0	42	2.1	382.7	77.4	107	4.7	604.2	93.4
344	5.6	145.6	57.6	43	2.4	385.0	77.4	108	5.1	609.3	94.5
345	5.9	151.6	59.6	44	2.4	387.4	77.4	109	4.9	614.2	95.4
346	5.4	157.0	61.0	45	2.4	389.8	77.4	110	5.5	619.8	96.9
347	5.2	162.2	62.2	46	2.8	392.6	77.4	111	5.7	625.4	98.6
348	4.5	166.7	62.7	47	3.1	395.7	77.4	112	5.3	630.7	99.9
349	5.6	172.3	64.3	48	2.5	398.2	77.4	113	5.4	636.1	101.3
350	5.7	178.0	66.0	49	2.2	400.4	77.4	114	5.7	641.8	103.0
351	5.0	183.0	67.0	50	2.3	402.7	77.4	115	5.8	647.6	104.8
352	4.1	187.2	67.2	51	2.4	405.1	77.4	116	5.7	653.3	106.5
353	4.7	191.9	67.9	52	2.5	407.6	77.4	117	5.5	658.8	108.0
354	4.5	196.5	68.5	53	3.7	411.3	77.4	118	5.5	664.3	109.5
355	4.6	201.1	69.1	54	3.7	415.0	77.4	119	6.0	670.3	111.4
356	5.0	206.1	70.1	55	3.1	418.1	77.4	120	5.6	675.9	113.1
357	5.1	211.2	71.2	56	3.0	421.0	77.4	121	4.6	680.5	113.6
358	4.6	215.8	71.8	57	1.9	423.0	77.4	122	4.9	685.4	114.5
359	4.6	220.4	72.4	58	2.4	425.4	77.4	123	5.7	691.1	116.3
360	4.9	225.3	73.3	59	2.3	427.7	77.4				
361	4.9	230.2	74.2	60	2.7	430.4	77.4				
362	4.7	234.9	74.9	61	2.6	433.0	77.4				
363	4.8	239.7	75.7	62	2.2	435.2	77.4				
364	4.8	244.6	76.6	63	2.2	437.4	77.4				
365	4.3	248.9	76.9	64	2.1	439.5	77.4				
366	4.3	253.2	77.2	65	2.3	441.8	77.4				
1	4.2	257.4	77.4	66	2.0	443.8	77.4				
2	3.9	261.3	77.4	67	2.0	445.9	77.4				
3	4.0	265.4	77.4	68	1.9	447.8	77.4				
4	3.7	269.1	77.4	69	2.3	450.1	77.4				
5	3.6	272.7	77.4	70	2.2	452.3	77.4				
6	3.3	276.0	77.4	71	2.6	455.0	77.4				
7	3.5	279.4	77.4	72	2.7	457.7	77.4				
8	3.5	282.9	77.4	73	2.5	460.1	77.4				
9	3.5	286.4	77.4	74	3.1	463.3	77.4				
10	3.1	289.5	77.4	75	3.7	466.9	77.4				
11	3.2	292.7	77.4	76	4.0	470.9	77.5				
12	2.9	295.6	77.4	77	3.9	474.9	77.5				
13	3.1	298.7	77.4	78	3.7	478.6	77.5				
14	2.5	301.2	77.4	79	3.1	481.7	77.5				
15	2.9	304.1	77.4	80	3.2	484.9	77.5				
16	3.4	307.6	77.4	81	3.2	488.1	77.5				
17	3.5	311.1	77.4	82	3.3	491.4	77.5				
18	3.5	314.5	77.4	83	3.3	494.8	77.5				
19	3.6	318.1	77.4	84	3.5	498.2	77.5				
20	3.6	321.7	77.4	85	3.5	501.7	77.5				
21	3.5	325.2	77.4	86	3.9	505.6	77.5				

STN 400 DEPTH 0M







BIO MARINA NS
44.70N 63.61W 1600Z 18/11/88 - 0000Z 04/05/89
INST. 63281

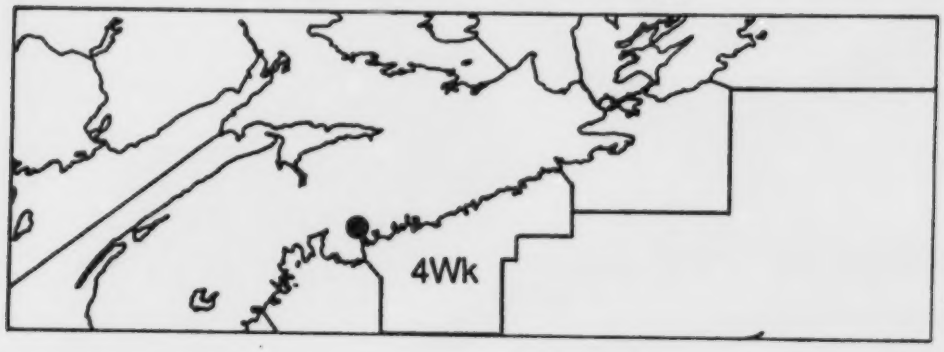
BIO MARINA NS

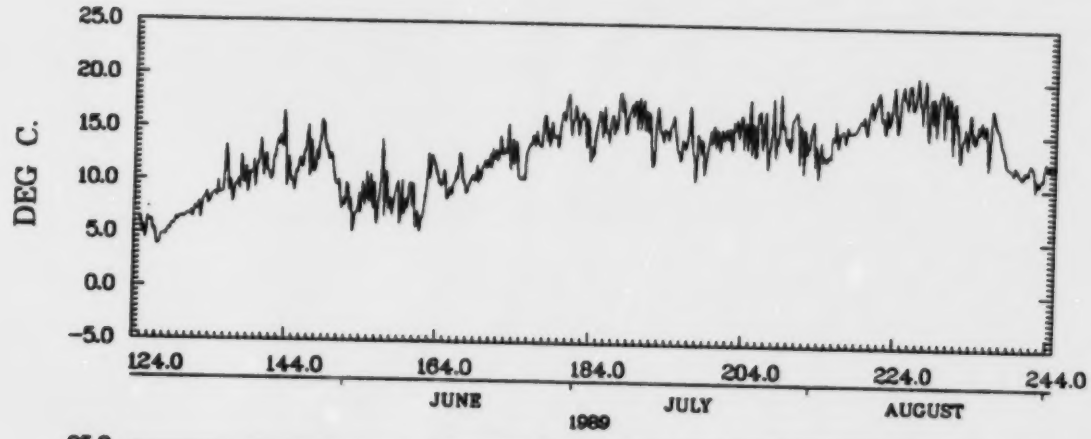
STA. 4WK 416

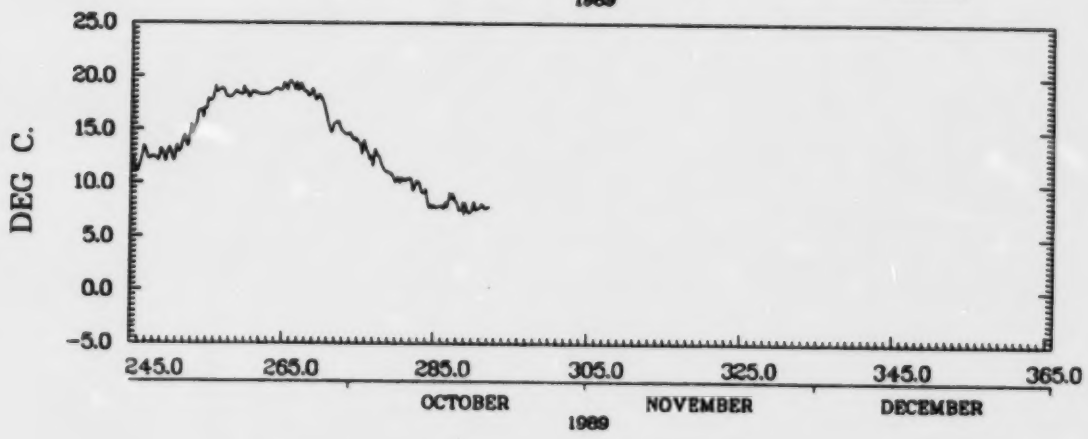
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	2.0M.	44.70	63.61	4/ 5/ 89	19/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
124	6.4	6.4	2.4	189	17.3	715.7	451.7	254	16.8	1677.3	1153.3
125	5.4	11.8	3.8	190	16.7	732.4	464.4	255	18.0	1695.2	1167.2
126	5.6	17.4	5.4	191	15.7	748.2	476.2	256	18.8	1714.0	1182.0
127	4.3	21.7	5.7	192	14.2	762.4	486.4	257	18.2	1732.2	1196.2
128	5.1	26.9	6.9	193	14.9	777.2	497.2	258	18.4	1750.6	1210.6
129	6.1	33.0	9.0	194	15.4	792.7	508.7	259	18.5	1769.0	1225.0
130	6.5	39.5	11.5	195	13.5	806.2	518.2	260	18.3	1787.4	1239.4
131	6.8	46.3	14.3	196	14.3	820.4	528.4	261	18.4	1805.8	1253.8
132	7.3	53.6	17.6	197	13.4	833.9	537.9	262	18.3	1824.1	1268.1
133	8.2	61.8	21.8	198	13.6	847.4	547.4	263	18.6	1842.6	1282.6
134	8.5	70.3	26.3	199	13.6	861.1	557.1	264	18.7	1861.4	1297.4
135	9.4	79.7	31.7	200	14.7	875.8	567.8	265	19.2	1880.6	1312.6
136	10.2	89.8	37.8	201	14.8	890.6	578.6	266	19.1	1899.7	1327.7
137	9.4	99.2	43.2	202	14.7	905.3	589.3	267	18.8	1918.5	1342.5
138	10.6	109.8	49.8	203	15.8	921.1	601.1	268	18.4	1936.9	1356.9
139	10.5	120.2	56.2	204	15.5	936.6	612.6	269	18.0	1954.9	1370.9
140	12.0	132.2	64.2	205	14.5	951.1	623.1	270	16.9	1971.8	1383.8
141	11.1	143.3	71.3	206	15.9	967.0	635.0	271	15.3	1987.1	1395.1
142	12.0	155.3	79.3	207	14.3	981.3	645.3	272	15.3	2002.4	1406.4
143	14.2	169.5	89.5	208	15.1	996.5	656.5	273	14.6	2017.0	1417.0
144	10.4	179.9	95.9	209	15.1	1011.5	667.5	274	14.1	2031.2	1427.2
145	10.7	190.7	102.7	210	15.6	1027.1	679.1	275	13.5	2044.7	1436.7
146	12.9	203.5	111.5	211	14.5	1041.5	689.5	276	12.5	2057.2	1445.2
147	11.3	214.9	118.9	212	14.4	1055.9	699.9	277	12.6	2069.8	1453.8
148	13.8	228.7	128.7	213	13.8	1069.7	709.7	278	11.3	2081.1	1461.1
149	12.9	241.6	137.6	214	12.9	1082.6	718.6	279	10.6	2091.7	1467.7
150	10.7	252.3	144.3	215	13.4	1096.0	728.0	280	10.3	2102.0	1474.0
151	8.2	260.5	148.5	216	14.9	1110.9	738.9	281	10.3	2112.4	1480.4
152	7.9	268.5	152.5	217	15.1	1126.0	750.0	282	9.9	2122.3	1486.3
153	7.2	275.7	155.7	218	15.3	1141.3	761.3	283	9.4	2131.7	1491.7
154	9.0	284.7	160.7	219	16.2	1157.4	773.4	284	8.0	2139.7	1495.7
155	8.5	293.2	165.2	220	16.6	1174.1	786.1	285	7.8	2147.5	1499.5
156	9.9	303.1	171.1	221	18.0	1192.1	800.1	286	8.0	2155.5	1503.5
157	8.5	311.6	175.6	222	16.4	1208.5	812.5	287	8.7	2164.2	1508.2
158	8.7	320.3	180.3	223	17.6	1226.1	826.1	288	7.6	2171.8	1511.8
159	7.5	327.9	183.9	224	17.3	1243.4	839.4	289	7.5	2179.3	1515.3
160	8.8	336.7	188.7	225	18.9	1262.3	854.3	290	7.8	2187.1	1519.1
161	6.3	342.9	190.9	226	18.8	1281.0	869.0	291	7.8	2194.9	1522.9
162	8.8	351.7	195.7	227	18.4	1299.4	883.4	292	7.8	2202.7	1526.7
163	11.5	363.2	203.2	228	16.8	1316.2	896.2				
164	10.3	373.5	209.5	229	17.6	1333.8	909.8				
165	9.1	382.6	214.6	230	17.8	1351.6	923.6				
166	10.6	393.2	221.2	231	16.9	1368.4	936.4				
167	10.3	403.5	227.5	232	14.6	1383.0	947.0				
168	10.2	413.7	233.7	233	15.5	1398.5	958.5				
169	10.9	424.6	240.6	234	15.0	1413.5	969.5				
170	11.9	436.5	248.5	235	15.6	1429.1	981.1				
171	12.4	448.9	256.9	236	14.9	1444.0	992.0				
172	13.1	462.0	266.0	237	15.6	1459.6	1003.6				
173	13.3	475.3	275.3	238	12.9	1472.5	1012.5				
174	11.7	487.0	283.0	239	11.9	1484.4	1020.4				
175	11.7	498.7	290.7	240	11.4	1495.8	1027.8				
176	14.1	512.8	300.8	241	12.0	1507.9	1035.9				
177	14.3	527.1	311.1	242	11.0	1518.8	1042.8				
178	14.8	541.9	321.9	243	11.7	1530.5	1050.5				
179	14.3	556.2	332.2	244	12.1	1542.6	1058.6				
180	16.8	573.0	345.0	245	11.7	1554.3	1066.3				
181	16.4	589.4	357.4	246	12.5	1566.8	1074.8				
182	16.1	605.5	369.5	247	12.4	1579.2	1083.2				
183	14.9	620.3	380.3	248	12.4	1591.7	1091.7				
184	13.9	634.2	390.2	249	12.7	1604.3	1100.3				
185	16.0	650.2	402.2	250	12.7	1617.1	1109.1				
186	15.4	665.6	413.6	251	13.5	1630.5	1118.5				
187	16.6	682.2	426.2	252	14.3	1644.8	1128.8				
188	16.3	698.4	438.4	253	15.6	1660.5	1140.5				

STN 416 DEPTH 0M







BIO MARINA NS
44.70N 63.61W 2000Z 04/05/89 - 0400Z 19/10/89
INST. 62471

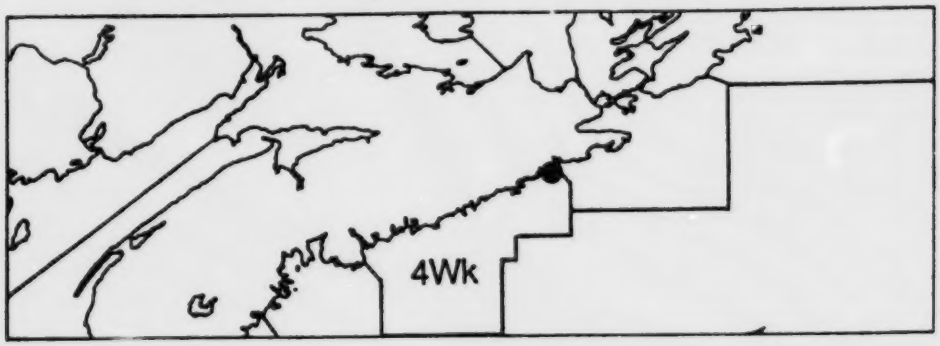
PORT BICKERTON NS

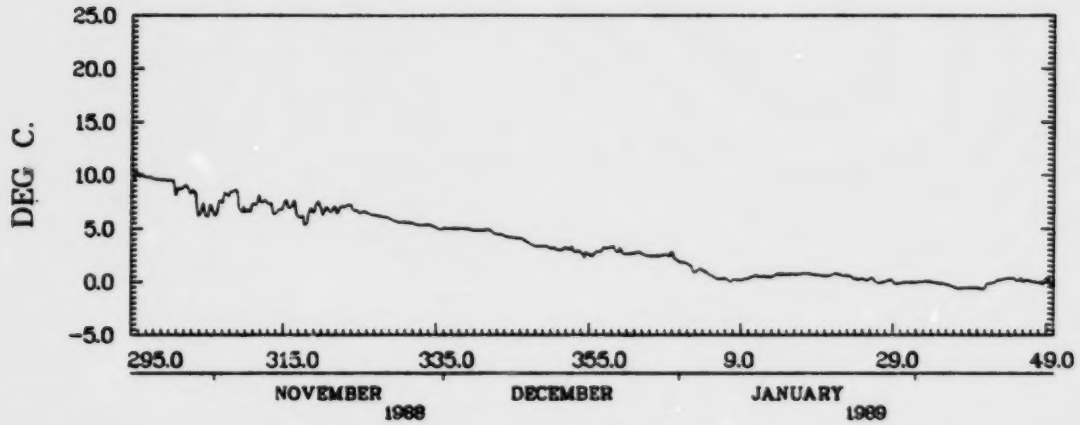
STA. 4WK 404

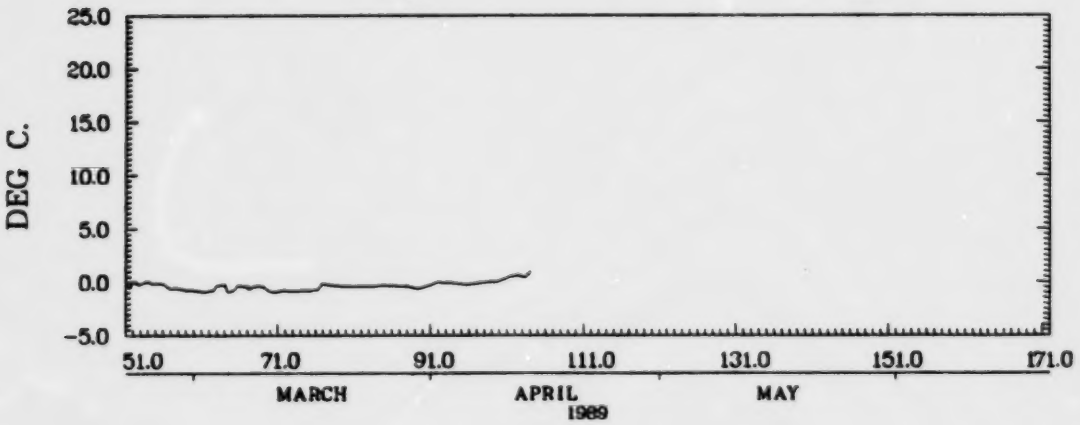
WATER DEPTH 35.0M. | INST DEPTH 35.0M. | LATITUDE 45.05 | LONGITUDE 61.75 | FROM 21/10/ 88 | TO 14/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
295	10.1	10.1	6.1	360	2.6	384.8	135.2	59	-.8	416.2	135.2
296	9.9	20.0	12.0	361	2.7	387.5	135.2	60	-.8	416.2	135.2
297	9.7	29.7	17.7	362	2.5	390.0	135.2	61	-.9	416.2	135.2
298	9.6	39.3	23.3	363	2.4	392.4	135.2	62	-.7	416.2	135.2
299	9.5	48.9	28.9	364	2.5	394.9	135.2	63	-.3	416.2	135.2
300	9.1	57.9	33.9	365	2.6	397.5	135.2	64	-.7	416.2	135.2
301	8.8	66.7	38.7	366	2.1	399.6	135.2	65	-.6	416.2	135.2
302	8.7	75.4	43.4	1	1.8	401.4	135.2	66	-.4	416.2	135.2
303	7.5	82.8	46.8	2	1.3	402.7	135.2	67	-.5	416.2	135.2
304	6.6	89.4	49.4	3	1.1	403.8	135.2	68	-.4	416.2	135.2
305	6.7	96.1	52.1	4	.9	404.6	135.2	69	-.6	416.2	135.2
306	7.2	103.3	55.3	5	.4	405.0	135.2	70	-.9	416.2	135.2
307	8.2	111.5	59.5	6	.3	405.3	135.2	71	-.9	416.2	135.2
308	8.5	119.9	63.9	7	.1	405.5	135.2	72	-.8	416.2	135.2
309	6.7	126.7	66.7	8	.2	405.6	135.2	73	-.8	416.2	135.2
310	6.9	133.5	69.5	9	.2	405.9	135.2	74	-.8	416.2	135.2
311	7.5	141.0	73.0	10	.5	406.4	135.2	75	-.8	416.2	135.2
312	7.5	148.5	76.5	11	.5	406.9	135.2	76	-.5	416.2	135.2
313	6.9	155.4	79.4	12	.5	407.4	135.2	77	-.3	416.2	135.2
314	6.8	162.2	82.2	13	.6	408.0	135.2	78	-.4	416.2	135.2
315	7.3	169.4	85.4	14	.7	408.7	135.2	79	-.4	416.2	135.2
316	6.9	176.3	88.3	15	.7	409.4	135.2	80	-.4	416.2	135.2
317	5.9	182.2	90.2	16	.7	410.1	135.2	81	-.4	416.2	135.2
318	6.4	188.6	92.6	17	.8	410.9	135.2	82	-.4	416.2	135.2
319	7.2	195.8	95.8	18	.7	411.6	135.2	83	-.4	416.2	135.2
320	6.7	202.5	98.5	19	.6	412.2	135.2	84	-.3	416.2	135.2
321	6.8	209.3	101.3	20	.6	412.7	135.2	85	-.3	416.2	135.2
322	6.9	216.1	104.1	21	.7	413.5	135.2	86	-.4	416.2	135.2
323	7.2	223.3	107.3	22	.6	414.0	135.2	87	-.4	416.2	135.2
324	6.6	229.9	109.9	23	.4	414.5	135.2	88	-.5	416.2	135.2
325	6.5	236.4	112.4	24	.3	414.7	135.2	89	-.6	416.2	135.2
326	6.3	242.7	114.7	25	.2	414.9	135.2	90	-.4	416.2	135.2
327	6.2	248.9	116.9	26	.2	415.1	135.2	91	-.2	416.2	135.2
328	6.0	254.9	118.9	27	-.1	415.1	135.2	92	-.1	416.2	135.2
329	5.8	260.7	120.7	28	.1	415.2	135.2	93	-.1	416.2	135.2
330	5.6	266.2	122.2	29	-.1	415.2	135.2	94	-.2	416.2	135.2
331	5.5	271.7	123.7	30	-.1	415.2	135.2	95	-.2	416.2	135.2
332	5.3	277.1	125.1	31	-.1	415.2	135.2	96	-.2	416.2	135.2
333	5.3	282.4	126.4	32	.0	415.2	135.2	97	-.1	416.2	135.2
334	5.2	287.6	127.6	33	.0	415.2	135.2	98	.0	416.2	135.2
335	5.0	292.6	128.6	34	-.1	415.2	135.2	99	.0	416.3	135.2
336	5.0	297.6	129.6	35	-.2	415.2	135.2	100	.2	416.5	135.2
337	5.0	302.6	130.6	36	-.4	415.2	135.2	101	.5	417.0	135.2
338	5.0	307.5	131.5	37	-.6	415.2	135.2	102	.6	417.6	135.2
339	4.9	312.4	132.4	38	-.6	415.2	135.2	103	.6	418.2	135.2
340	4.8	317.2	133.2	39	-.6	415.2	135.2				
341	4.8	322.0	134.0	40	-.6	415.2	135.2				
342	4.6	326.6	134.6	41	-.2	415.2	135.2				
343	4.4	331.0	135.0	42	.1	415.3	135.2				
344	4.2	335.1	135.1	43	.3	415.6	135.2				
345	4.1	339.2	135.2	44	.3	415.9	135.2				
346	3.9	343.1	135.2	45	.2	416.1	135.2				
347	3.5	346.5	135.2	46	.1	416.2	135.2				
348	3.3	349.9	135.2	47	.0	416.2	135.2				
349	3.3	353.1	135.2	48	.0	416.2	135.2				
350	3.1	356.2	135.2	49	.0	416.2	135.2				
351	3.1	359.3	135.2	50	.0	416.2	135.2				
352	3.1	362.4	135.2	51	-.2	416.2	135.2				
353	2.8	365.2	135.2	52	-.1	416.2	135.2				
354	2.6	367.8	135.2	53	-.1	416.2	135.2				
355	2.6	370.4	135.2	54	-.1	416.2	135.2				
356	2.9	373.3	135.2	55	-.2	416.2	135.2				
357	3.2	376.4	135.2	56	-.4	416.2	135.2				
358	3.0	379.4	135.2	57	-.6	416.2	135.2				
359	2.8	382.2	135.2	58	-.7	416.2	135.2				

STN 404 DEPTH 35M







PORT BICKERTON NS
45.05N 61.75W 1000Z 21/10/88 - 0200Z 14/04/89
INST. 62903

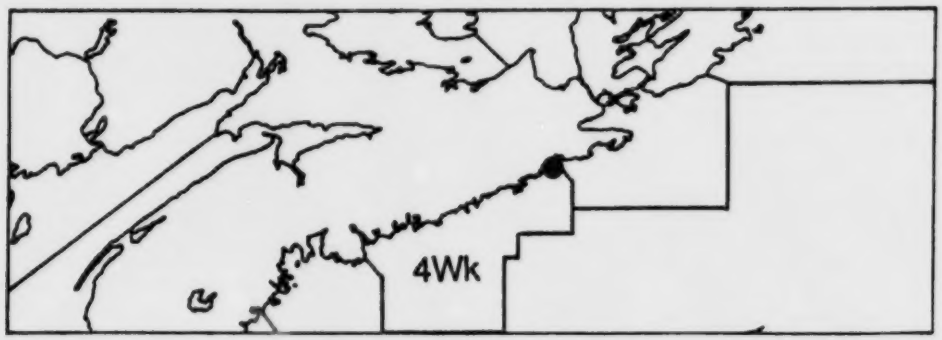
PORT BICKERTON NS

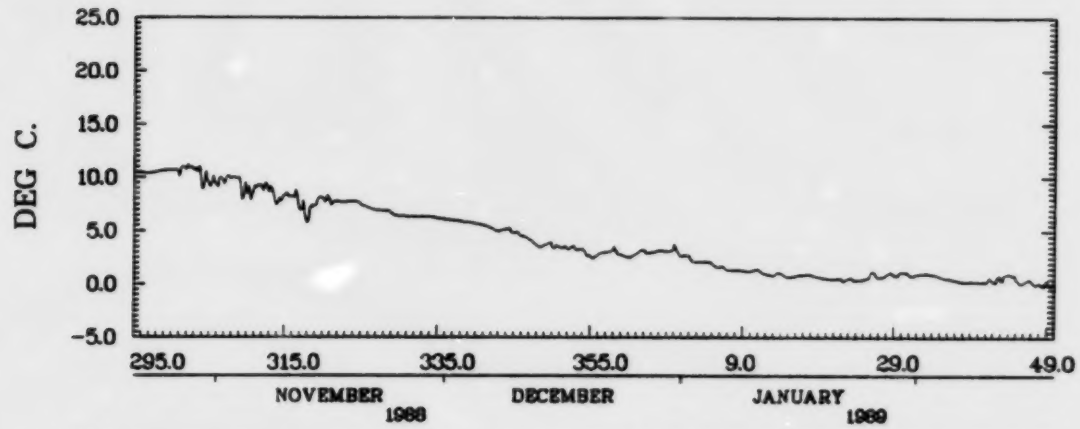
STA. 4WK 405

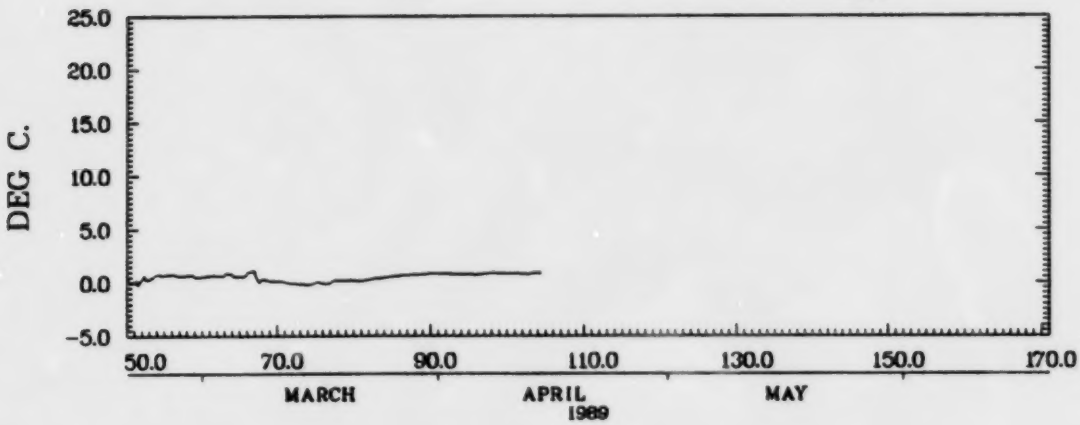
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
22.0M.	22.0M.	45.05	61.75	21/10/ 88	14/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
295	10.4	10.4	6.4	360	2.6	449.1	196.3	59	.5	514.4	196.3
296	10.4	20.8	12.8	361	3.0	452.1	196.3	60	.6	515.0	196.3
297	10.4	31.3	19.3	362	3.0	455.1	196.3	61	.7	515.6	196.3
298	10.6	41.9	25.9	363	3.0	458.1	196.3	62	.6	516.2	196.3
299	10.7	52.6	32.6	364	3.1	461.2	196.3	63	.8	517.1	196.3
300	10.7	63.3	39.3	365	3.1	464.3	196.3	64	.6	517.7	196.3
301	10.8	74.0	46.0	366	3.1	467.4	196.3	65	.6	518.3	196.3
302	10.9	84.9	52.9	1	2.7	470.1	196.3	66	1.0	519.3	196.3
303	10.6	95.6	59.6	2	2.3	472.4	196.3	67	.4	519.7	196.3
304	9.7	105.2	65.2	3	2.1	474.5	196.3	68	.3	519.9	196.3
305	9.5	114.7	70.7	4	2.1	476.5	196.3	69	.1	520.1	196.3
306	9.6	124.4	76.4	5	1.7	478.2	196.3	70	.1	520.1	196.3
307	9.9	134.3	82.3	6	1.6	479.8	196.3	71	.0	520.1	196.3
308	10.0	144.2	88.2	7	1.3	481.1	196.3	72	-.1	520.1	196.3
309	9.0	153.2	93.2	8	1.3	482.4	196.3	73	-.2	520.1	196.3
310	8.6	161.8	97.8	9	1.2	483.7	196.3	74	-.2	520.1	196.3
311	9.2	171.0	103.0	10	1.3	485.0	196.3	75	.0	520.1	196.3
312	9.1	180.1	108.1	11	1.2	486.2	196.3	76	-.1	520.1	196.3
313	8.4	188.5	112.5	12	.9	487.1	196.3	77	.1	520.3	196.3
314	7.9	196.4	116.4	13	1.0	488.1	196.3	78	.2	520.4	196.3
315	8.3	204.7	120.7	14	.9	488.9	196.3	79	.2	520.6	196.3
316	8.1	212.8	124.8	15	.7	489.7	196.3	80	.1	520.8	196.3
317	6.9	219.7	127.7	16	.9	490.5	196.3	81	.2	521.0	196.3
318	6.8	226.5	130.5	17	.9	491.4	196.3	82	.3	521.3	196.3
319	7.8	234.4	134.4	18	.8	492.2	196.3	83	.4	521.7	196.3
320	8.0	242.3	138.3	19	.6	492.8	196.3	84	.5	522.3	196.3
321	7.7	250.0	142.0	20	.5	493.4	196.3	85	.6	522.9	196.3
322	7.7	257.7	145.7	21	.5	493.9	196.3	86	.7	523.5	196.3
323	7.7	265.4	149.4	22	.4	494.3	196.3	87	.7	524.2	196.3
324	7.7	273.1	153.1	23	.5	494.8	196.3	88	.8	525.0	196.3
325	7.3	280.4	156.4	24	.4	495.2	196.3	89	.8	525.8	196.3
326	7.0	287.4	159.4	25	.6	495.8	196.3	90	.8	526.6	196.3
327	6.9	294.3	162.3	26	1.0	496.8	196.3	91	.8	527.5	196.3
328	6.8	301.2	165.2	27	.7	497.5	196.3	92	.8	528.3	196.3
329	6.5	307.6	167.6	28	1.0	498.5	196.3	93	.8	529.1	196.3
330	6.4	314.0	170.0	29	.9	499.4	196.3	94	.8	529.9	196.3
331	6.3	320.3	172.3	30	1.1	500.5	196.3	95	.8	530.6	196.3
332	6.3	326.6	174.6	31	.8	501.3	196.3	96	.8	531.4	196.3
333	6.3	332.9	176.9	32	1.0	502.2	196.3	97	.9	532.3	196.3
334	6.2	339.2	179.2	33	1.0	503.2	196.3	98	.9	533.2	196.3
335	6.1	345.3	181.3	34	.9	504.1	196.3	99	.8	534.0	196.3
336	6.0	351.3	183.3	35	.6	504.7	196.3	100	.8	534.8	196.3
337	5.9	357.3	185.3	36	.5	505.2	196.3	101	.8	535.7	196.3
338	5.9	363.1	187.1	37	.3	505.6	196.3	102	.8	536.4	196.3
339	5.7	368.9	188.9	38	.2	505.8	196.3	103	.9	537.3	196.3
340	5.6	374.5	190.5	39	.2	506.0	196.3	104	.9	538.2	196.3
341	5.4	379.9	191.9	40	.2	506.2	196.3				
342	5.1	385.0	193.0	41	.4	506.7	196.3				
343	5.1	390.1	194.1	42	.5	507.1	196.3				
344	5.1	395.1	195.1	43	.7	507.8	196.3				
345	4.8	399.9	195.9	44	.9	508.7	196.3				
346	4.4	404.3	196.3	45	.2	508.9	196.3				
347	4.0	408.3	196.3	46	.3	509.2	196.3				
348	3.5	411.8	196.3	47	.1	509.3	196.3				
349	3.8	415.6	196.3	48	.0	509.3	196.3				
350	3.5	419.1	196.3	49	.0	509.4	196.3				
351	3.5	422.6	196.3	50	.1	509.4	196.3				
352	3.4	426.0	196.3	51	.1	509.5	196.3				
353	3.2	429.3	196.3	52	.4	509.9	196.3				
354	2.9	432.2	196.3	53	.5	510.4	196.3				
355	2.6	434.8	196.3	54	.7	511.1	196.3				
356	2.9	437.7	196.3	55	.7	511.8	196.3				
357	3.0	440.7	196.3	56	.7	512.5	196.3				
358	3.1	443.8	196.3	57	.6	513.2	196.3				
359	2.7	446.4	196.3	58	.7	513.9	196.3				

STN 405 DEPTH 22M







PORT BICKERTON NS
45.05N 61.75W 1600Z 21/10/88 - 0800Z 14/04/89
INST. 63285

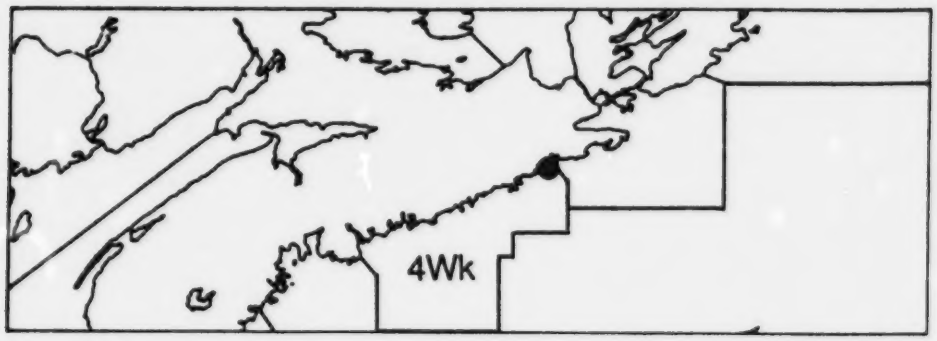
PORT BICKERTON NS

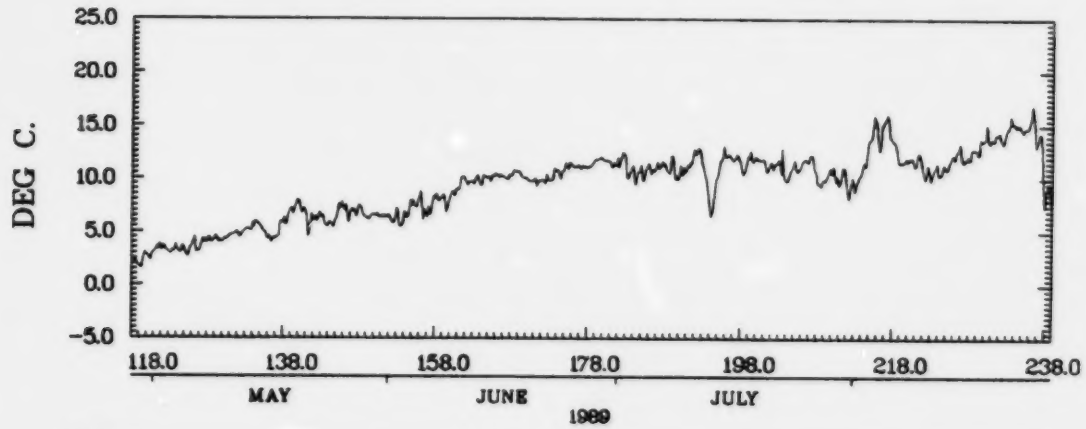
STA. 4WK 421

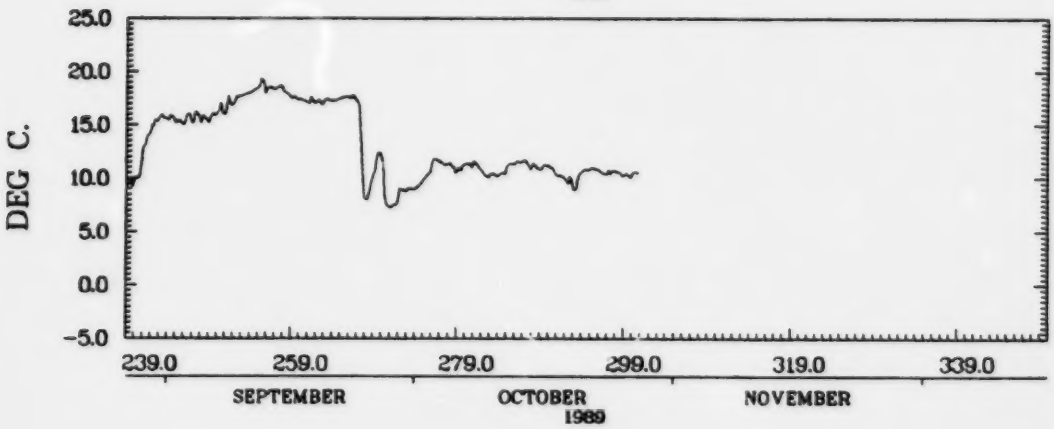
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
11.0M.	11.0M.	45.05	61.75	28/ 4/ 89	27/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
118	2.2	2.2	.0	183	10.7	478.5	223.6	248	15.5	1266.3	751.4
119	2.1	4.3	.0	184	10.4	488.9	230.0	249	15.8	1282.1	763.2
120	2.7	7.0	.0	185	10.6	499.5	236.6	250	16.4	1298.6	775.7
121	3.5	10.4	.0	186	10.9	510.3	243.4	251	17.0	1315.5	788.6
122	3.3	13.8	.0	187	11.3	521.6	250.7	252	17.5	1333.0	802.1
123	3.2	17.0	.0	188	10.9	532.5	257.6	253	17.9	1350.9	816.0
124	3.3	20.3	.0	189	10.9	543.4	264.5	254	18.2	1369.1	830.2
125	3.1	23.4	.0	190	10.7	554.0	271.1	255	18.8	1387.8	844.9
126	3.6	27.0	.0	191	11.4	565.5	278.5	256	18.5	1406.3	859.4
127	4.0	30.9	.0	192	12.6	578.1	287.1	257	18.5	1424.8	873.9
128	4.2	35.1	.2	193	10.1	588.1	293.2	258	17.9	1442.8	887.9
129	4.3	39.4	.4	194	8.0	596.1	297.2	259	17.5	1460.3	901.4
130	4.3	43.7	.8	195	11.6	607.6	304.7	260	17.3	1477.6	914.7
131	4.7	48.4	1.5	196	12.1	619.8	312.8	261	17.2	1494.8	927.9
132	4.8	53.2	2.3	197	11.9	631.7	320.8	262	17.1	1511.9	941.0
133	5.2	58.4	3.5	198	11.0	642.7	327.8	263	17.3	1529.2	954.3
134	5.8	64.2	5.3	199	12.0	654.8	335.8	264	17.3	1546.5	967.6
135	5.1	69.3	6.4	200	11.8	666.6	343.7	265	17.6	1564.1	981.2
136	4.3	73.6	6.7	201	11.2	677.8	350.9	266	17.5	1581.7	994.7
137	5.0	78.6	7.7	202	11.4	689.2	358.3	267	13.4	1595.1	1004.2
138	6.1	84.7	9.8	203	11.2	700.4	365.5	268	8.8	1603.9	1009.0
139	7.3	92.0	13.1	204	10.3	710.7	371.8	269	11.7	1615.5	1016.6
140	7.2	99.2	16.3	205	11.1	721.9	378.9	270	9.0	1624.6	1021.7
141	5.8	105.1	18.1	206	11.6	733.5	386.6	271	7.5	1632.0	1025.1
142	6.3	111.4	20.5	207	11.8	745.3	394.4	272	8.8	1640.9	1030.0
143	6.0	117.4	22.5	208	9.7	755.0	400.1	273	9.0	1649.9	1035.0
144	5.7	123.1	24.2	209	10.2	765.2	406.3	274	9.4	1659.2	1040.3
145	7.1	130.2	27.3	210	10.4	775.7	412.8	275	10.3	1669.5	1046.6
146	6.8	137.0	30.1	211	10.3	785.9	419.0	276	11.7	1681.1	1054.2
147	6.8	143.9	32.9	212	9.2	795.2	424.2	277	11.4	1692.5	1061.6
148	6.9	150.8	35.9	213	9.7	804.9	429.9	278	11.1	1703.6	1068.7
149	6.4	157.2	38.3	214	11.5	816.3	437.4	279	11.0	1714.6	1075.7
150	6.5	163.7	40.8	215	14.6	830.9	448.0	280	11.3	1725.8	1082.9
151	6.4	170.1	43.2	216	14.2	845.1	458.2	281	11.2	1737.1	1090.2
152	6.1	176.2	45.3	217	15.1	860.2	469.3	282	10.4	1747.4	1096.5
153	6.1	182.3	47.4	218	12.8	873.0	478.1	283	10.4	1757.8	1102.9
154	6.9	189.2	50.3	219	11.7	884.7	485.8	284	10.4	1768.2	1109.3
155	7.6	196.8	53.9	220	11.7	896.4	493.5	285	11.3	1779.5	1116.6
156	7.4	204.2	57.3	221	11.8	908.1	501.2	286	11.5	1791.0	1124.1
157	7.2	211.4	60.5	222	10.5	918.7	507.8	287	11.3	1802.3	1131.4
158	8.2	219.6	64.7	223	10.7	929.4	514.5	288	11.1	1813.5	1138.5
159	7.8	227.4	68.5	224	10.7	940.0	521.1	289	11.1	1824.5	1145.6
160	8.6	236.0	73.0	225	11.4	951.5	528.6	290	10.9	1835.4	1152.5
161	9.6	245.5	78.6	226	12.5	964.0	537.1	291	10.2	1845.6	1158.7
162	9.6	255.2	84.3	227	11.8	975.8	544.9	292	9.8	1855.4	1164.5
163	9.9	265.1	90.2	228	12.5	988.3	553.4	293	9.6	1865.0	1170.1
164	9.9	275.0	96.0	229	13.0	1001.3	562.4	294	10.8	1875.8	1176.9
165	10.1	285.1	102.1	230	13.9	1015.2	572.3	295	10.9	1886.7	1183.8
166	10.3	295.4	108.4	231	13.9	1029.1	582.2	296	10.6	1897.3	1190.4
167	10.1	305.4	114.5	232	13.8	1042.9	592.0	297	10.6	1907.9	1197.0
168	10.6	316.0	121.1	233	15.2	1058.1	603.2	298	10.5	1918.4	1203.5
169	10.3	326.3	127.4	234	15.0	1073.1	614.2	299	10.3	1928.7	1209.8
170	9.8	336.1	133.2	235	14.7	1087.8	624.8	300	10.5	1939.2	1216.3
171	9.7	345.8	138.9	236	15.3	1103.0	636.1				
172	9.9	355.7	144.8	237	12.9	1116.0	645.1				
173	10.2	365.9	151.0	238	8.6	1124.6	649.6				
174	10.5	376.4	157.5	239	9.3	1133.9	655.0				
175	11.2	387.6	164.7	240	10.3	1144.1	661.2				
176	11.2	398.8	171.9	241	13.5	1157.6	670.7				
177	11.1	409.8	178.9	242	15.1	1172.7	681.8				
178	11.2	421.1	186.1	243	15.7	1188.4	693.5				
179	11.9	432.9	194.0	244	15.7	1204.1	705.2				
180	11.7	444.6	201.7	245	15.3	1219.4	716.5				
181	11.3	455.9	209.0	246	15.7	1235.1	728.1				
182	11.9	467.8	216.9	247	15.7	1250.8	739.9				

STN 421 DEPTH 11M







PORT BICKERTON NS
45.05N 61.75W 0000Z 28/04/89 - 1600Z 27/10/89
INST. 60989

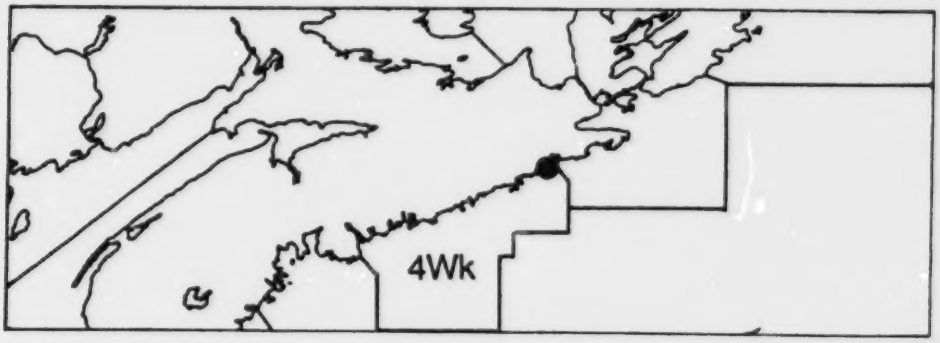
PORT BICKERTON NS

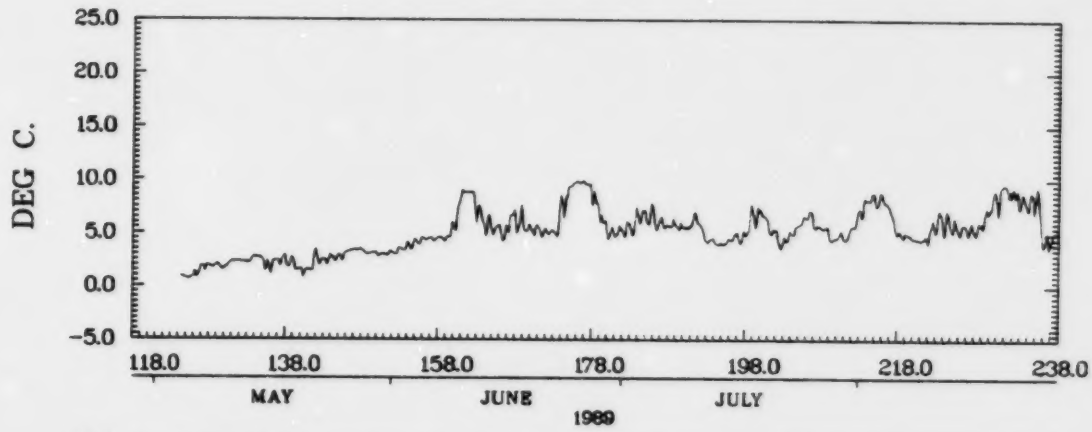
STA. 4WK 422

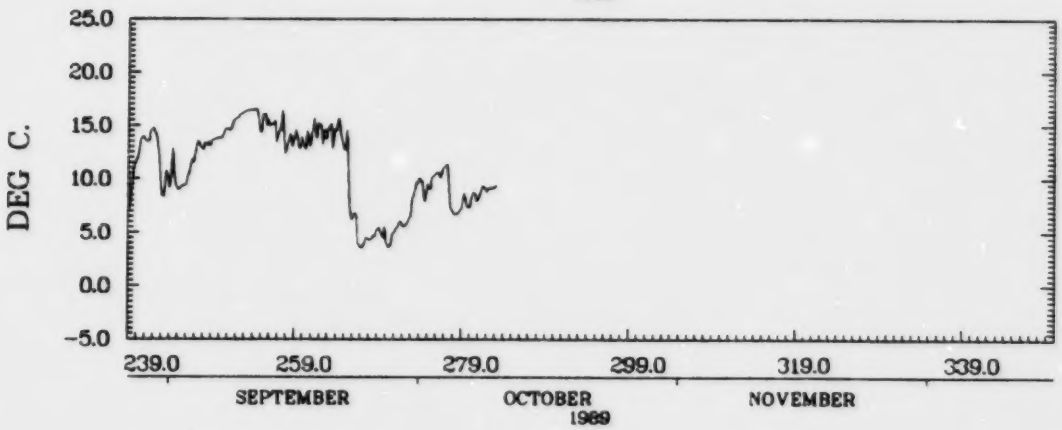
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
22.0M.	22.0M.	45.05	61.75	4/ 5/ 89	10/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
124	.9	.9	.0	189	5.7	290.0	76.8	254	16.0	787.4	314.2
125	.8	1.6	.0	190	5.6	295.6	78.4	255	15.5	802.9	325.7
126	1.1	2.7	.0	191	6.3	301.9	80.7	256	14.9	817.8	336.6
127	1.8	4.6	.0	192	5.3	307.3	82.0	257	14.5	832.3	347.1
128	1.8	6.4	.0	193	4.4	311.6	82.4	258	13.4	845.8	356.5
129	1.8	8.2	.0	194	4.1	315.7	82.5	259	13.7	859.4	366.2
130	1.9	10.1	.0	195	4.2	319.9	82.6	260	13.4	872.9	375.6
131	2.3	12.4	.0	196	4.6	324.5	83.3	261	14.7	887.6	386.3
132	2.3	14.7	.0	197	4.7	329.2	83.9	262	14.3	901.9	396.7
133	2.4	17.1	.0	198	5.8	334.9	85.7	263	14.3	916.3	407.0
134	2.7	19.8	.0	199	6.6	341.5	88.3	264	14.5	930.7	417.5
135	2.0	21.8	.0	200	6.8	348.3	91.1	265	10.8	941.5	424.2
136	1.9	23.8	.0	201	5.3	353.6	92.4	266	5.7	947.2	425.9
137	2.3	26.1	.0	202	4.4	358.0	92.8	267	4.0	951.2	426.0
138	2.2	28.3	.0	203	4.5	362.6	93.3	268	4.6	955.8	426.5
139	1.9	30.2	.0	204	5.2	367.8	94.5	269	5.1	960.9	427.7
140	1.4	31.5	.0	205	6.1	373.9	96.6	270	4.0	965.0	427.7
141	1.8	33.3	.0	206	6.8	380.7	99.4	271	5.6	970.5	429.3
142	2.6	35.9	.0	207	5.6	386.3	101.1	272	5.8	976.4	431.1
143	2.4	38.3	.0	208	5.5	391.8	102.6	273	8.6	985.0	435.7
144	2.6	40.9	.0	209	4.5	396.3	103.1	274	9.2	994.1	440.9
145	2.8	43.7	.0	210	4.8	401.1	103.9	275	9.8	1003.9	446.7
146	3.3	47.0	.0	211	4.7	405.8	104.6	276	10.6	1014.5	453.2
147	3.4	50.4	.0	212	6.0	411.8	106.5	277	9.7	1024.2	459.0
148	3.2	53.6	.0	213	7.4	419.1	109.9	278	6.8	1031.0	461.8
149	3.1	56.7	.0	214	8.3	427.4	114.2	279	7.8	1038.8	465.6
150	3.0	59.7	.0	215	8.1	435.6	118.3	280	8.2	1047.1	469.8
151	3.0	62.7	.0	216	8.0	443.6	122.3	281	8.9	1056.0	474.7
152	3.2	65.9	.0	217	6.3	449.9	124.7	282	9.1	1065.1	479.8
153	3.5	69.4	.0	218	4.9	454.8	125.6	283	9.3	1074.4	485.2
154	3.9	73.2	.0	219	4.9	459.7	126.5				
155	4.2	77.4	.2	220	4.5	464.2	127.0				
156	4.4	81.9	.6	221	4.5	468.7	127.4				
157	4.4	86.3	1.1	222	5.3	474.0	128.7				
158	4.5	90.8	1.5	223	6.2	480.2	131.0				
159	4.8	95.6	2.4	224	5.9	486.2	132.9				
160	6.4	102.0	4.8	225	5.6	491.8	134.5				
161	8.8	110.8	9.6	226	5.4	497.2	135.9				
162	8.5	119.3	14.0	227	5.4	502.5	137.3				
163	6.8	126.1	16.9	228	5.4	507.9	138.7				
164	5.7	131.8	18.6	229	6.4	514.4	141.1				
165	5.3	137.1	19.9	230	7.9	522.3	145.1				
166	4.9	142.1	20.8	231	8.5	530.8	149.6				
167	6.2	148.3	23.0	232	9.0	539.9	154.6				
168	6.2	154.4	25.2	233	8.7	548.5	159.3				
169	5.5	160.0	26.7	234	8.1	556.6	163.3				
170	5.4	165.3	28.1	235	7.9	564.5	167.3				
171	5.1	170.4	29.2	236	7.2	571.7	170.5				
172	5.1	175.6	30.3	237	4.3	576.0	170.7				
173	5.5	181.1	31.8	238	5.0	581.0	171.7				
174	7.8	188.9	35.6	239	8.9	589.8	176.6				
175	9.5	198.3	41.1	240	13.0	602.9	185.6				
176	9.8	208.1	46.9	241	13.9	616.8	195.5				
177	9.6	217.8	52.5	242	13.2	630.0	204.8				
178	8.0	225.8	56.5	243	9.4	639.4	210.2				
179	6.2	232.0	58.8	244	10.5	649.9	216.6				
180	5.0	237.0	59.8	245	9.3	659.1	221.9				
181	5.1	242.1	60.9	246	10.8	670.0	228.7				
182	5.3	247.4	62.2	247	13.0	683.0	237.8				
183	5.8	253.2	64.0	248	13.2	696.2	246.9				
184	6.6	259.8	66.6	249	13.7	709.9	256.7				
185	6.6	266.4	69.2	250	14.2	724.1	266.9				
186	6.1	272.6	71.3	251	15.0	739.2	277.9				
187	6.0	278.5	73.3	252	15.9	755.1	289.8				
188	5.8	284.4	75.1	253	16.4	771.5	302.2				

STN 422 DEPTH 22M







PORT BICKERTON NS
45.05N 61.75W 0800Z 04/05/89 - 0400Z 10/10/89
INST. 61671

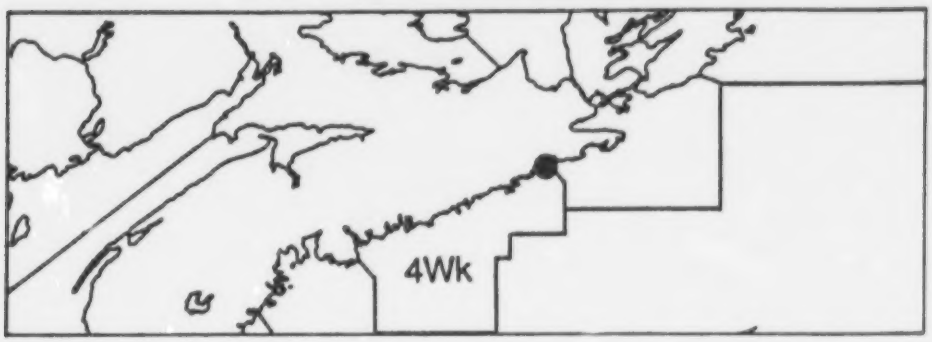
PORT BICKERTON NS

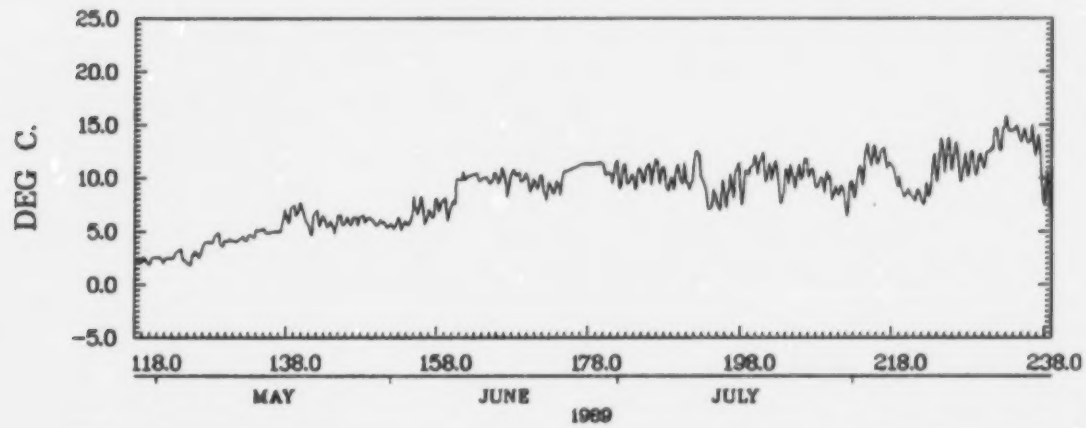
STA. 4WK 423

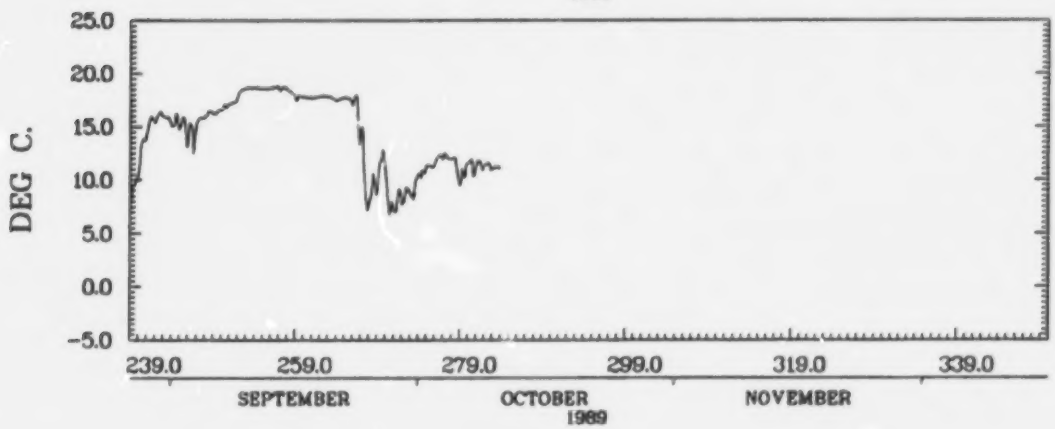
WATER DEPTH 4.0M.	INST DEPTH 4.0M.	LATITUDE 45.05	LONGITUDE 61.75	FROM 28/ 4/ 89	TO 11/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
118	2.3	2.3	.0	183	9.9	452.6	202.4	248	16.2	1180.6	670.4
119	2.3	4.5	.0	184	9.9	462.6	208.4	249	16.4	1196.9	682.7
120	2.4	6.9	.0	185	10.3	472.9	214.7	250	16.9	1213.8	695.6
121	2.4	9.3	.0	186	10.7	483.6	221.4	251	17.3	1231.1	708.9
122	2.4	11.7	.0	187	10.7	494.3	228.1	252	18.3	1249.4	723.2
123	2.9	14.6	.0	188	9.5	503.8	233.6	253	18.6	1268.1	737.9
124	2.6	17.2	.0	189	10.2	514.0	239.8	254	18.7	1286.7	752.5
125	2.2	19.5	.0	190	10.2	524.2	246.0	255	18.6	1305.3	767.1
126	2.9	22.3	.0	191	9.4	533.6	251.4	256	18.7	1324.0	781.8
127	3.9	26.2	.0	192	11.8	545.5	259.3	257	18.6	1342.6	796.4
128	4.3	30.5	.3	193	8.8	554.3	264.1	258	18.3	1360.9	810.7
129	4.1	34.6	.4	194	7.9	562.2	268.0	259	17.8	1378.6	824.4
130	4.1	38.7	.5	195	8.2	570.4	272.2	260	17.7	1396.4	838.2
131	4.1	42.8	.6	196	8.8	579.2	277.0	261	17.8	1414.1	851.9
132	4.3	47.1	.9	197	10.2	589.4	283.2	262	17.9	1432.0	865.8
133	4.6	51.7	1.5	198	9.3	598.7	288.5	263	17.7	1449.7	879.5
134	5.1	56.8	2.6	199	11.0	609.7	295.5	264	17.6	1467.3	893.1
135	5.0	61.8	3.6	200	11.4	621.1	302.9	265	17.6	1484.9	906.7
136	5.0	66.7	4.5	201	10.8	631.9	309.7	266	16.7	1501.6	919.4
137	5.6	72.3	6.1	202	10.8	642.7	316.5	267	11.2	1512.8	926.6
138	6.5	78.8	8.6	203	8.6	651.3	321.1	268	9.1	1521.9	931.6
139	7.1	85.9	11.7	204	10.4	661.7	327.5	269	11.2	1533.0	938.8
140	6.6	92.5	14.3	205	10.1	671.8	333.6	270	8.5	1541.5	943.3
141	5.5	98.0	15.8	206	10.9	682.7	340.5	271	7.9	1549.5	947.3
142	6.3	104.3	18.1	207	10.4	693.1	346.9	272	8.6	1558.0	951.8
143	5.8	110.1	19.9	208	9.5	702.6	352.4	273	9.0	1567.0	956.8
144	5.5	115.6	21.4	209	9.8	712.4	358.2	274	10.6	1577.7	963.4
145	6.1	121.6	23.4	210	8.7	721.1	362.9	275	11.3	1589.0	970.7
146	5.9	127.6	25.4	211	8.8	729.9	367.7	276	12.0	1600.9	978.7
147	6.1	133.7	27.5	212	8.3	738.2	372.0	277	12.2	1613.1	986.9
148	6.2	139.9	29.7	213	9.6	747.8	377.6	278	11.5	1624.7	994.4
149	6.1	146.0	31.7	214	11.4	759.3	385.0	279	10.4	1635.1	1000.9
150	5.8	151.8	33.6	215	12.2	771.4	393.2	280	11.3	1646.4	1008.2
151	5.6	157.4	35.1	216	12.1	783.5	401.3	281	11.5	1657.9	1015.7
152	5.6	162.9	36.7	217	11.6	795.2	408.9	282	11.4	1669.3	1023.1
153	5.7	168.7	38.5	218	10.2	805.4	415.2	283	11.2	1680.4	1030.2
154	6.0	174.7	40.5	219	8.9	814.3	420.1				
155	7.3	181.9	43.7	220	8.5	822.8	424.6				
156	6.8	188.7	46.5	221	8.4	831.2	429.0				
157	6.9	195.6	49.4	222	8.2	839.4	433.2				
158	7.6	203.1	52.9	223	10.3	849.7	439.5				
159	7.1	210.3	56.1	224	11.8	861.5	447.3				
160	8.4	218.7	60.5	225	12.2	873.7	455.4				
161	10.0	228.7	66.5	226	12.1	885.8	463.6				
162	10.2	238.9	72.7	227	10.7	896.5	470.3				
163	10.1	249.0	78.8	228	11.4	907.9	477.7				
164	9.9	258.9	84.7	229	11.3	919.2	485.0				
165	9.9	268.9	90.6	230	11.8	931.0	492.8				
166	10.2	279.0	96.8	231	13.6	944.6	502.4				
167	9.4	288.5	102.2	232	13.7	958.3	512.1				
168	10.5	298.9	108.7	233	14.8	973.1	522.9				
169	10.0	308.9	114.7	234	14.4	987.5	533.3				
170	9.5	318.4	120.2	235	13.9	1001.4	543.2				
171	9.6	328.1	125.8	236	13.5	1014.8	552.6				
172	8.9	337.0	130.8	237	11.6	1026.5	560.3				
173	9.1	346.1	135.9	238	8.6	1035.0	564.8				
174	9.5	355.6	141.4	239	9.1	1044.1	569.9				
175	10.7	366.3	148.1	240	12.7	1056.8	578.6				
176	11.0	377.3	155.1	241	15.4	1072.2	589.9				
177	11.3	388.6	162.4	242	16.0	1088.1	601.9				
178	11.3	400.0	169.8	243	15.9	1104.0	613.8				
179	11.4	411.4	177.1	244	15.4	1119.4	625.2				
180	10.6	422.0	183.8	245	15.0	1134.4	636.2				
181	10.6	432.6	190.4	246	14.2	1148.6	646.4				
182	10.1	442.7	196.5	247	15.7	1164.3	658.1				

STN 423 DEPTH 4M







PORT BICKERTON NS
45.05N 61.75W 0000Z 28/04/89 - 0000Z 11/10/89
INST. 62861

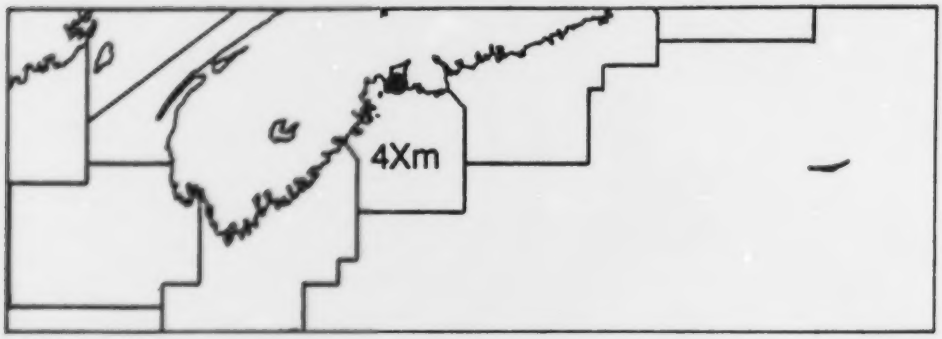
NORTH WEST COVE NS

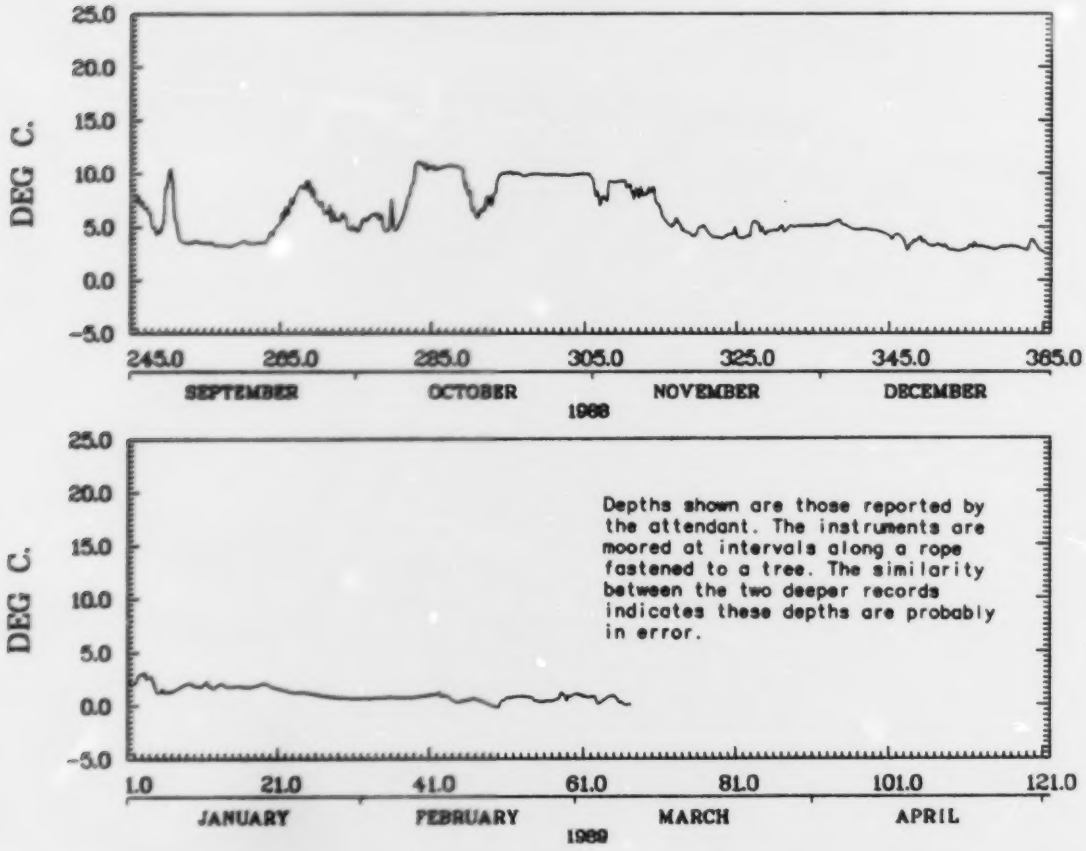
STA. 4XM 411

WATER DEPTH 18.0M. | INST DEPTH 18.0M. | LATITUDE 41.52 | LONGITUDE 64.00 | FROM 1/ 9/ 88 | TO 8/ 3/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
245	7.7	7.7	3.7	310	9.0	474.4	216.4	9	2.0	738.3	256.2
246	7.3	15.0	7.0	311	8.1	482.5	220.6	10	1.8	740.1	256.2
247	6.4	21.4	9.4	312	8.1	490.6	224.7	11	2.0	742.1	256.2
248	4.7	26.1	10.1	313	8.4	499.0	229.1	12	1.7	743.8	256.2
249	6.2	32.3	12.3	314	7.2	506.2	232.3	13	2.0	745.8	256.2
250	9.2	41.5	17.5	315	5.7	511.9	234.0	14	1.8	747.6	256.2
251	4.5	46.0	18.0	316	5.3	517.2	235.2	15	1.8	749.4	256.2
252	3.5	49.6	18.0	317	5.2	522.3	236.4	16	1.8	751.2	256.2
253	3.6	53.2	18.0	318	4.5	526.8	236.9	17	1.7	752.9	256.2
254	3.5	56.7	18.0	319	4.4	531.2	237.2	18	1.9	754.8	256.2
255	3.5	60.2	18.0	320	5.0	536.1	238.2	19	2.0	756.9	256.2
256	3.3	63.5	18.0	321	4.3	540.4	238.5	20	1.7	758.6	256.2
257	3.2	66.8	18.0	322	4.0	544.4	238.5	21	1.5	760.1	256.2
258	3.2	70.0	18.0	323	4.1	548.5	238.6	22	1.3	761.4	256.2
259	3.5	73.4	18.0	324	4.5	553.0	239.1	23	1.2	762.6	256.2
260	3.6	77.0	18.0	325	4.0	557.0	239.1	24	1.2	763.9	256.2
261	3.4	80.5	18.0	326	4.2	561.2	239.3	25	1.1	765.0	256.2
262	3.5	84.0	18.0	327	5.4	566.6	240.7	26	1.0	766.0	256.2
263	4.0	88.0	18.0	328	4.6	571.1	241.3	27	.9	766.9	256.2
264	4.9	92.8	18.9	329	4.6	575.8	241.9	28	.8	767.6	256.2
265	6.1	99.0	21.0	330	4.8	580.6	242.7	29	.7	768.4	256.2
266	7.2	106.1	24.2	331	4.8	585.3	243.5	30	.7	769.1	256.2
267	8.5	114.6	28.7	332	5.0	590.4	244.5	31	.7	769.8	256.2
268	8.9	123.6	33.6	333	5.1	595.5	245.6	32	.7	770.5	256.2
269	8.0	131.5	37.6	334	5.1	600.6	246.7	33	.7	771.1	256.2
270	6.9	138.4	40.5	335	5.1	605.7	247.8	34	.7	771.9	256.2
271	6.2	144.6	42.7	336	5.2	610.9	249.0	35	.8	772.7	256.2
272	5.7	150.4	44.5	337	5.3	616.2	250.3	36	.8	773.4	256.2
273	5.8	156.2	46.3	338	5.5	621.7	251.8	37	.7	774.2	256.2
274	4.8	161.0	47.1	339	5.1	626.7	252.9	38	.7	774.9	256.2
275	5.0	166.1	48.1	340	4.8	631.5	253.6	39	.8	775.7	256.2
276	5.8	171.8	49.9	341	4.8	636.3	254.4	40	.9	776.6	256.2
277	6.2	178.0	52.1	342	4.7	641.0	255.1	41	1.0	777.6	256.2
278	5.5	183.5	53.6	343	4.6	645.6	255.7	42	1.0	778.6	256.2
279	5.5	189.0	55.1	344	4.3	649.9	256.0	43	.8	779.4	256.2
280	5.0	194.0	56.0	345	4.1	654.0	256.1	44	.4	779.8	256.2
281	6.5	200.5	58.6	346	4.1	658.1	256.2	45	.4	780.2	256.2
282	9.1	209.5	63.6	347	3.2	661.3	256.2	46	.6	780.8	256.2
283	11.0	220.5	70.6	348	3.7	665.0	256.2	47	.5	781.3	256.2
284	10.6	231.1	77.2	349	3.7	668.7	256.2	48	.2	781.5	256.2
285	10.5	241.6	83.7	350	3.2	671.9	256.2	49	-.1	781.5	256.2
286	10.6	252.2	90.3	351	3.3	675.2	256.2	50	.3	781.9	256.2
287	10.7	263.0	97.1	352	3.1	678.3	256.2	51	.7	782.6	256.2
288	10.6	273.6	103.6	353	2.8	681.1	256.2	52	.8	783.4	256.2
289	9.0	282.5	108.6	354	2.8	683.9	256.2	53	.8	784.3	256.2
290	6.8	289.3	111.4	355	3.1	687.0	256.2	54	.6	784.9	256.2
291	6.4	295.7	113.8	356	3.3	690.2	256.2	55	.4	785.2	256.2
292	7.5	303.3	117.3	357	3.1	693.3	256.2	56	.4	785.6	256.2
293	8.9	312.1	122.2	358	2.9	696.3	256.2	57	.5	786.1	256.2
294	10.0	322.2	128.3	359	3.0	699.3	256.2	58	.9	787.0	256.2
295	10.0	332.2	134.3	360	3.2	702.5	256.2	59	.9	787.9	256.2
296	10.0	342.2	140.3	361	3.1	705.6	256.2	60	1.0	788.9	256.2
297	9.8	352.0	146.1	362	2.9	708.5	256.2	61	.8	789.7	256.2
298	9.9	362.0	152.1	363	3.5	712.0	256.2	62	.6	790.3	256.2
299	9.9	371.9	158.0	364	2.9	715.0	256.2	63	.4	790.7	256.2
300	9.9	381.8	163.9	365	2.5	717.5	256.2	64	.8	791.5	256.2
301	9.9	391.7	169.7	366	2.9	720.4	256.2	65	.5	792.0	256.2
302	9.8	401.5	175.6	1	2.3	722.7	256.2	66	.1	792.2	256.2
303	9.9	411.4	181.5	2	2.6	725.2	256.2	67	.1	792.2	256.2
304	10.0	421.4	187.4	3	2.8	728.1	256.2				
305	9.8	431.2	193.3	4	2.2	730.3	256.2				
306	8.1	439.3	197.4	5	1.4	731.6	256.2				
307	7.6	446.9	201.0	6	1.3	732.9	256.2				
308	9.2	456.1	206.2	7	1.5	734.4	256.2				
309	9.3	465.4	211.4	8	1.9	736.2	256.2				

STN 411 DEPTH 18M





NORTH WEST COVE NS
41.52N 64.00W 1600Z 01/09/88 - 0400Z 08/03/89
INST. 64181

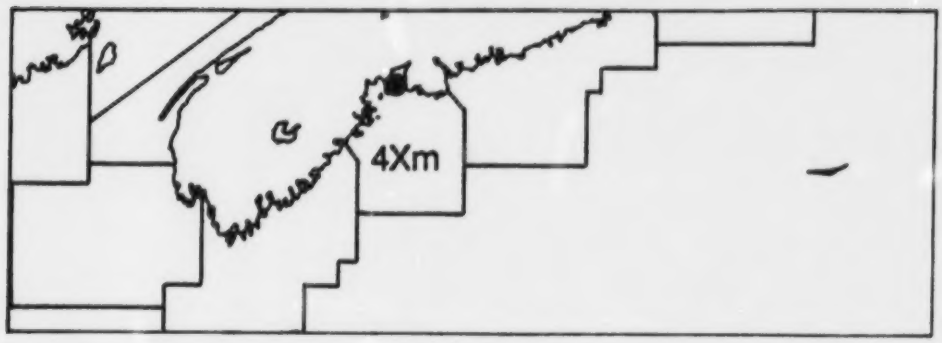
NORTH WEST COVE NS

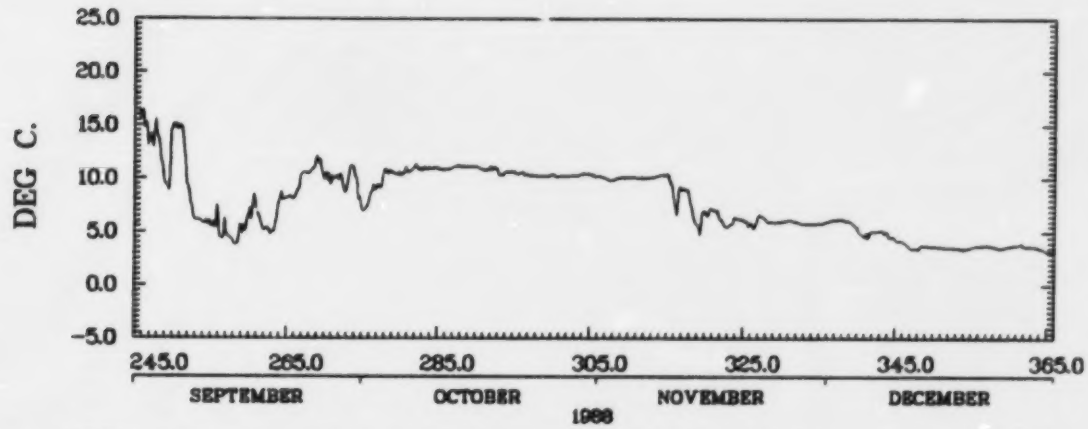
STA. 4XM 412

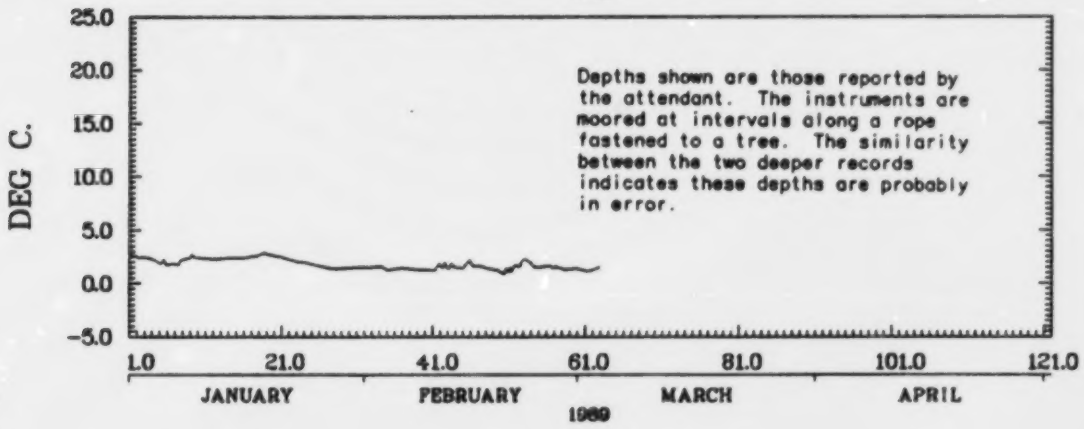
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
9.0M.	9.0M.	41.52	64.00	1/ 9/ 88	3/ 3/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
245	16.0	16.0	12.0	310	10.1	646.6	382.6	9	2.5	971.2	472.3
246	15.2	31.2	23.2	311	10.1	656.6	388.6	10	2.4	973.6	472.3
247	14.2	45.3	33.3	312	10.1	666.7	394.7	11	2.3	975.9	472.3
248	12.4	57.7	41.7	313	10.2	676.9	400.9	12	2.3	978.2	472.3
249	10.3	68.0	48.0	314	10.3	687.2	407.2	13	2.4	980.6	472.3
250	14.9	82.9	58.9	315	9.8	697.0	413.0	14	2.4	983.0	472.3
251	13.0	95.9	67.9	316	8.0	705.0	417.0	15	2.4	985.4	472.3
252	7.7	103.6	71.6	317	9.0	714.0	422.0	16	2.4	987.8	472.3
253	6.1	109.7	73.7	318	6.9	720.8	424.8	17	2.6	990.4	472.3
254	5.9	115.6	75.6	319	5.9	726.7	426.7	18	2.8	993.1	472.3
255	5.9	121.5	77.5	320	6.9	733.6	429.6	19	2.7	995.8	472.3
256	5.1	126.6	78.6	321	6.9	740.5	432.5	20	2.5	998.3	472.3
257	4.5	131.1	79.1	322	5.8	746.3	434.3	21	2.4	1000.7	472.3
258	4.3	135.4	79.4	323	5.8	752.1	436.1	22	2.2	1002.9	472.3
259	5.5	140.9	80.9	324	6.2	758.4	438.4	23	2.0	1004.9	472.3
260	7.3	148.2	84.2	325	5.9	764.3	440.3	24	1.9	1006.8	472.3
261	6.3	154.5	86.5	326	5.7	770.0	442.0	25	1.7	1008.5	472.3
262	5.2	159.7	87.7	327	6.5	776.5	444.5	26	1.6	1010.1	472.3
263	5.8	165.4	89.4	328	6.0	782.4	446.4	27	1.4	1011.5	472.3
264	8.2	173.7	93.7	329	5.9	788.4	448.4	28	1.4	1012.9	472.3
265	8.2	181.9	97.9	330	6.0	794.4	450.4	29	1.4	1014.3	472.3
266	8.9	190.8	102.8	331	6.1	800.5	452.5	30	1.5	1015.8	472.3
267	10.5	201.3	109.3	332	5.9	806.3	454.3	31	1.5	1017.3	472.3
268	10.8	212.1	116.1	333	5.8	812.1	456.1	32	1.5	1018.8	472.3
269	11.4	223.5	123.5	334	5.8	817.9	457.9	33	1.5	1020.3	472.3
270	10.1	233.6	129.6	335	5.8	823.7	459.7	34	1.5	1021.8	472.3
271	10.1	243.7	135.7	336	6.0	829.7	461.7	35	1.3	1023.1	472.3
272	9.6	253.2	141.2	337	6.2	835.9	463.9	36	1.4	1024.5	472.3
273	10.4	263.7	147.7	338	6.1	842.0	466.0	37	1.4	1025.9	472.3
274	9.2	272.9	152.9	339	5.8	847.8	467.8	38	1.3	1027.2	472.3
275	7.2	280.1	156.1	340	4.9	852.7	468.7	39	1.3	1028.5	472.3
276	8.9	289.0	161.0	341	4.8	857.5	469.5	40	1.3	1029.8	472.3
277	9.5	298.4	166.4	342	5.1	862.6	470.6	41	1.4	1031.2	472.3
278	10.7	309.1	173.1	343	5.0	867.6	471.6	42	1.6	1032.9	472.3
279	10.5	319.6	179.6	344	4.5	872.1	472.1	43	1.6	1034.5	472.3
280	10.6	330.1	186.1	345	4.2	876.3	472.3	44	1.5	1035.9	472.3
281	10.7	340.8	192.8	346	3.9	880.2	472.3	45	1.8	1037.7	472.3
282	11.0	351.9	199.9	347	3.4	883.6	472.3	46	1.7	1039.4	472.3
283	10.9	362.8	206.8	348	3.6	887.2	472.3	47	1.6	1041.0	472.3
284	11.0	373.8	213.8	349	3.7	890.9	472.3	48	1.4	1042.4	472.3
285	10.9	384.6	220.6	350	3.6	894.5	472.3	49	1.2	1043.6	472.3
286	10.9	395.5	227.5	351	3.5	898.1	472.3	50	1.1	1044.7	472.3
287	11.1	406.6	234.6	352	3.5	901.6	472.3	51	1.4	1046.0	472.3
288	11.1	417.7	241.7	353	3.5	905.0	472.3	52	1.8	1047.8	472.3
289	11.1	428.8	248.8	354	3.5	908.5	472.3	53	2.1	1050.0	472.3
290	11.0	439.8	255.8	355	3.6	912.1	472.3	54	1.6	1051.5	472.3
291	10.8	450.7	262.7	356	3.7	915.9	472.3	55	1.5	1053.1	472.3
292	11.0	461.6	269.6	357	3.7	919.6	472.3	56	1.6	1054.6	472.3
293	10.4	472.1	276.1	358	3.5	923.1	472.3	57	1.5	1056.1	472.3
294	10.6	482.7	282.7	359	3.6	926.7	472.3	58	1.3	1057.4	472.3
295	10.5	493.2	289.2	360	3.7	930.4	472.3	59	1.4	1058.8	472.3
296	10.4	503.6	295.6	361	3.8	934.2	472.3	60	1.3	1060.1	472.3
297	10.3	513.9	301.9	362	3.7	937.9	472.3	61	1.2	1061.2	472.3
298	10.2	524.2	308.2	363	3.6	941.5	472.3	62	1.4	1062.6	472.3
299	10.2	534.4	314.4	364	3.4	944.8	472.3				
300	10.3	544.7	320.7	365	3.1	948.0	472.3				
301	10.2	554.9	326.9	366	3.1	951.1	472.3				
302	10.3	565.1	333.1	1	2.7	953.8	472.3				
303	10.3	575.5	339.5	2	2.4	956.2	472.3				
304	10.5	585.9	345.9	3	2.4	958.6	472.3				
305	10.3	596.2	352.2	4	2.1	960.7	472.3				
306	10.2	606.4	358.4	5	2.0	962.7	472.3				
307	9.9	616.4	364.4	6	1.8	964.5	472.3				
308	10.0	626.3	370.3	7	1.9	966.4	472.3				
309	10.1	636.4	376.4	8	2.3	968.8	472.3				

STN 412 DEPTH 9M







NORTH WEST COVE NS
41.52N 64.00W 1600Z 01/09/88 - 2000Z 03/03/89
INST. 64182

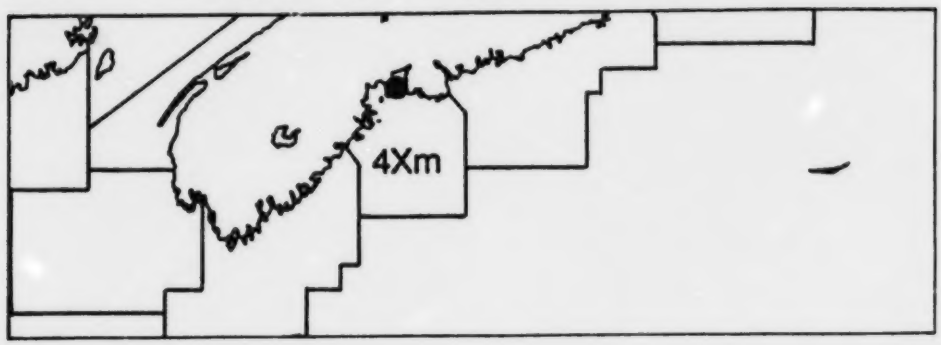
NORTH WEST COVE NS

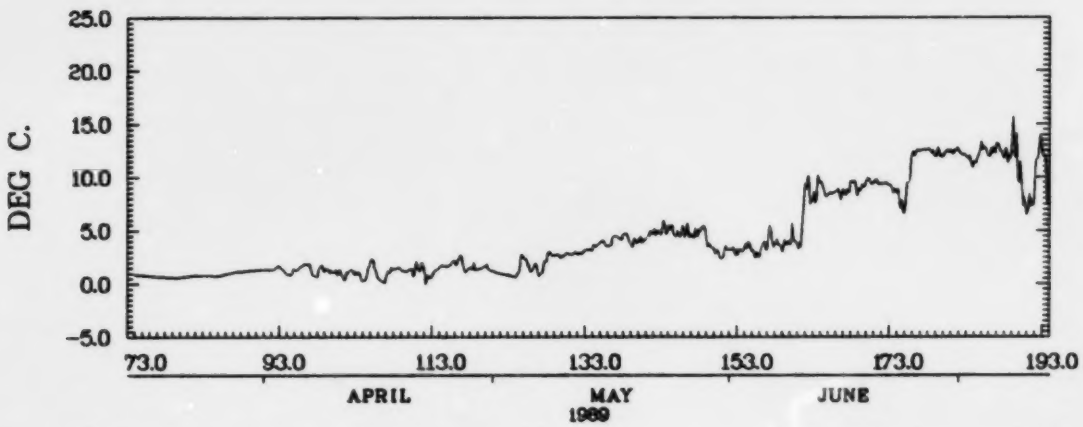
STA. 4XM 413

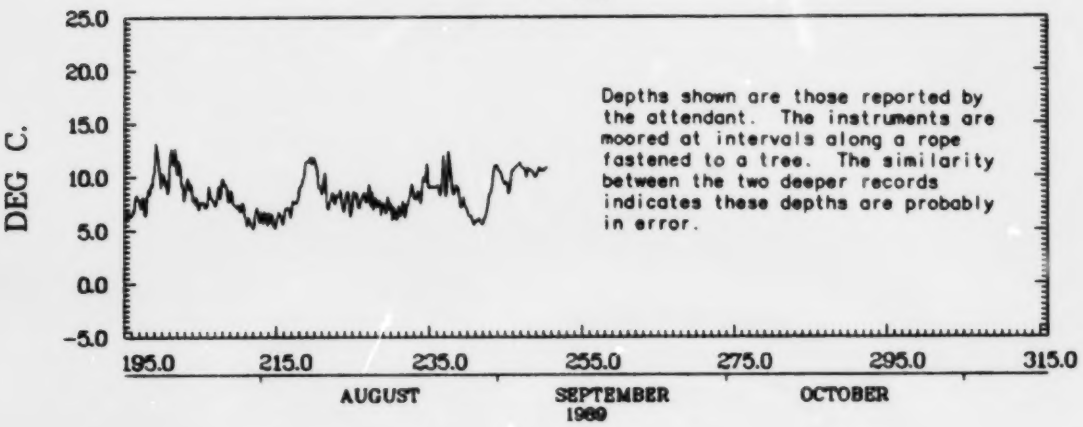
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
9.0M.	9.0M.	41.52	64.00	14/ 3/ 89	7/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
73	.9	.9	.0	138	4.5	99.9	.8	203	9.1	615.9	264.2
74	.8	1.7	.0	139	3.8	103.8	.8	204	7.6	623.5	267.9
75	.8	2.5	.0	140	4.1	107.8	.8	205	7.5	631.0	271.3
76	.7	3.2	.0	141	4.7	112.5	1.6	206	8.0	639.0	275.4
77	.7	3.9	.0	142	4.8	117.4	2.4	207	8.5	647.6	279.9
78	.6	4.5	.0	143	5.1	122.5	3.5	208	8.8	656.4	284.7
79	.6	5.1	.0	144	5.1	127.6	4.6	209	7.8	664.1	288.4
80	.7	5.7	.0	145	4.7	132.3	5.4	210	7.1	671.2	291.5
81	.7	6.5	.0	146	4.9	137.2	6.3	211	5.8	677.0	293.3
82	.8	7.3	.0	147	4.6	141.8	6.8	212	6.2	683.2	295.5
83	.8	8.0	.0	148	5.2	147.0	8.1	213	6.2	689.3	297.6
84	.7	8.8	.0	149	3.6	150.7	8.1	214	6.0	695.3	299.6
85	.8	9.6	.0	150	2.8	153.5	8.1	215	6.2	701.5	301.8
86	1.0	10.6	.0	151	3.0	156.5	8.1	216	6.7	708.2	304.6
87	1.1	11.7	.0	152	3.1	159.6	8.1	217	7.6	715.9	308.2
88	1.2	12.9	.0	153	3.1	162.7	8.1	218	9.8	725.7	314.0
89	1.3	14.1	.0	154	3.6	166.2	8.1	219	11.5	737.2	321.5
90	1.3	15.4	.0	155	2.8	169.0	8.1	220	10.0	747.3	327.6
91	1.3	16.7	.0	156	3.3	172.3	8.1	221	8.5	755.8	332.1
92	1.4	18.2	.0	157	4.2	176.6	8.3	222	8.0	763.7	336.0
93	1.4	19.5	.0	158	3.8	180.3	8.3	223	7.9	771.6	339.9
94	1.0	20.5	.0	159	3.7	184.0	8.3	224	7.6	779.2	343.5
95	1.4	21.9	.0	160	4.2	188.2	8.5	225	7.9	787.0	347.3
96	1.8	23.8	.0	161	4.5	192.7	9.0	226	8.0	795.0	351.3
97	1.1	24.8	.0	162	8.9	201.6	13.9	227	8.0	803.0	355.3
98	1.4	26.2	.0	163	8.6	210.2	18.5	228	7.4	810.3	358.7
99	1.2	27.4	.0	164	8.9	219.1	23.5	229	7.3	817.6	361.9
100	1.1	28.6	.0	165	8.5	227.6	27.9	230	6.6	824.2	364.5
101	.8	29.3	.0	166	8.5	236.1	32.4	231	6.9	831.1	367.4
102	1.1	30.5	.0	167	8.6	244.7	37.1	232	8.2	839.3	371.6
103	.8	31.3	.0	168	9.3	254.0	42.4	233	8.1	847.4	375.7
104	.9	32.2	.0	169	9.0	263.1	47.4	234	9.7	857.1	381.5
105	1.6	33.8	.0	170	9.6	272.7	53.0	235	9.0	866.2	386.5
106	.3	34.1	.0	171	9.5	282.2	58.5	236	9.4	875.6	391.9
107	1.2	35.2	.0	172	9.4	291.6	63.9	237	10.1	885.7	398.0
108	1.4	36.7	.0	173	8.9	300.5	68.8	238	8.7	894.4	402.7
109	1.2	37.9	.0	174	7.7	308.2	72.5	239	7.4	901.8	406.1
110	1.2	39.1	.0	175	9.1	317.3	77.7	240	6.2	908.0	408.3
111	1.6	40.8	.0	176	12.4	329.7	86.0	241	5.9	913.9	410.2
112	.6	41.4	.0	177	12.5	342.2	94.6	242	6.8	920.6	413.0
113	1.1	42.5	.0	178	12.4	354.7	103.0	243	10.1	930.8	419.1
114	1.7	44.2	.0	179	12.2	366.8	111.2	244	10.1	940.8	425.2
115	1.8	46.0	.0	180	12.3	379.2	119.5	245	9.4	950.3	430.6
116	2.2	48.2	.0	181	12.5	391.6	128.0	246	11.0	961.2	437.5
117	1.4	49.6	.0	182	12.2	403.9	136.2	247	10.7	971.9	444.2
118	1.5	51.1	.0	183	11.6	415.5	143.8	248	10.4	982.3	450.6
119	1.4	52.6	.0	184	11.8	427.3	151.6	249	10.5	992.8	457.1
120	1.5	54.0	.0	185	12.7	440.0	160.3	250	10.8	1003.6	463.9
121	1.1	55.1	.0	186	12.4	452.3	168.6				
122	.9	56.0	.0	187	12.7	465.0	177.4				
123	.7	56.7	.0	188	12.0	477.1	185.4				
124	1.5	58.2	.0	189	12.7	489.8	194.1				
125	1.9	60.2	.0	190	8.8	498.6	198.9				
126	1.5	61.7	.0	191	7.4	505.9	202.3				
127	1.3	63.0	.0	192	11.7	517.7	210.0				
128	2.7	65.7	.0	193	11.0	528.7	217.0				
129	2.6	68.3	.0	194	6.2	534.9	219.2				
130	2.7	71.1	.0	195	6.3	541.2	221.5				
131	2.8	73.9	.0	196	7.4	548.6	224.9				
132	2.8	76.7	.0	197	7.3	555.8	228.2				
133	3.2	79.9	.0	198	9.0	564.8	233.2				
134	3.5	83.4	.0	199	11.1	575.9	240.2				
135	3.9	87.3	.0	200	9.5	585.4	245.7				
136	3.8	91.1	.0	201	11.7	597.1	253.4				
137	4.3	95.5	.3	202	9.8	606.8	259.2				

STN 413 DEPTH 9M







NORTH WEST COVE NS
41.52N 64.00W 2000Z 14/03/89 - 0800Z 07/09/89
INST. 64167

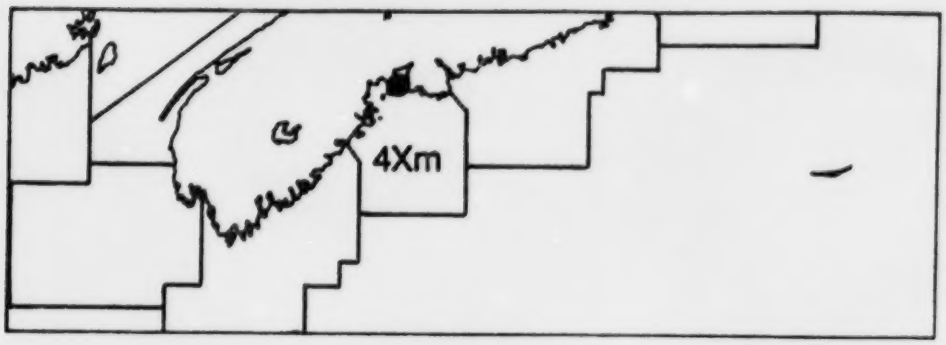
NORTH WEST COVE NS

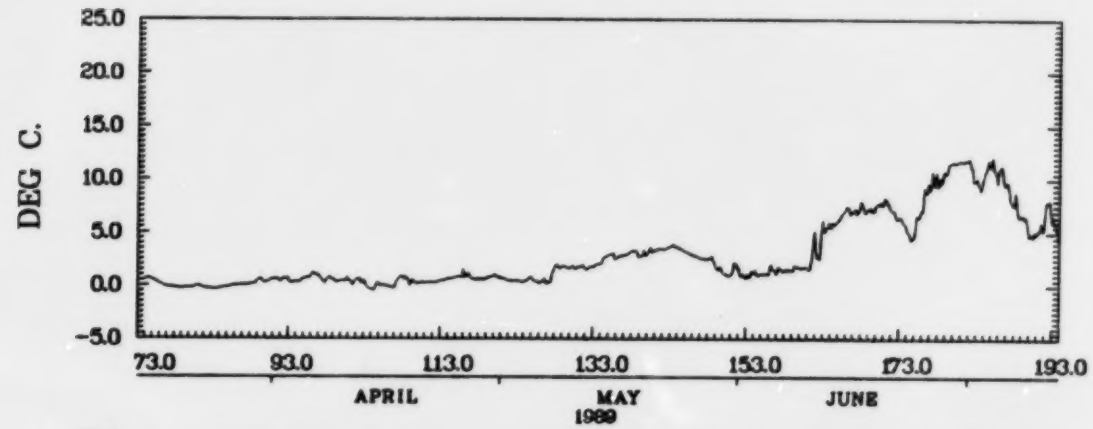
STA. 4XM 414

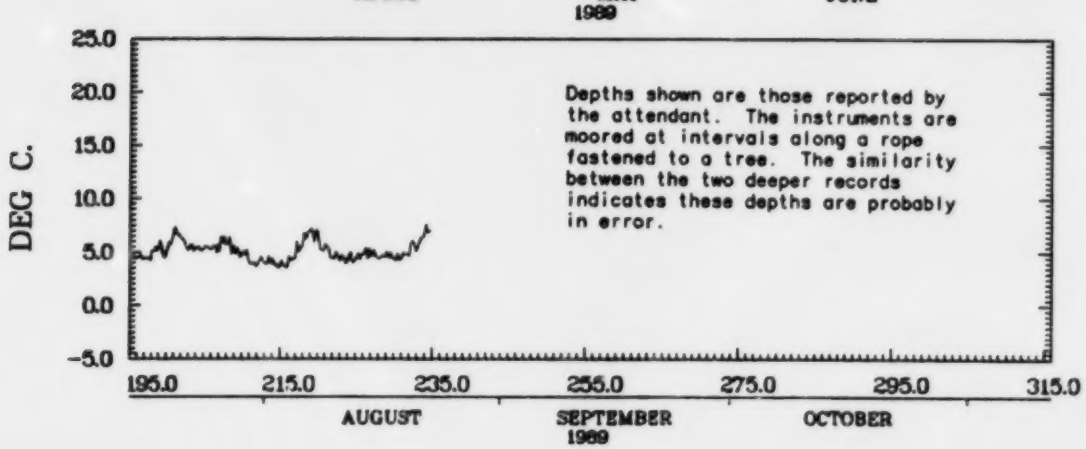
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
36.0M.	36.0M.	41.52	64.00	14/ 3/ 89	22/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
73	.6	.6	.0	138	3.1	45.6	.0	203	5.4	397.3	134.4
74	.6	1.2	.0	139	2.9	48.5	.0	204	5.3	402.6	135.7
75	.4	1.6	.0	140	3.2	51.7	.0	205	5.4	408.0	137.1
76	.0	1.6	.0	141	3.4	55.0	.0	206	5.4	413.4	138.5
77	-.2	1.6	.0	142	3.5	58.5	.0	207	6.0	419.4	140.5
78	-.2	1.6	.0	143	3.7	62.2	.0	208	5.5	424.9	142.0
79	-.2	1.6	.0	144	3.4	65.7	.0	209	5.0	429.9	143.0
80	-.2	1.6	.0	145	3.1	68.8	.0	210	4.8	434.7	143.8
81	-.1	1.6	.0	146	2.8	71.5	.0	211	3.9	438.5	143.8
82	-.3	1.6	.0	147	2.5	74.0	.0	212	4.2	442.7	143.9
83	-.3	1.6	.0	148	2.5	76.6	.0	213	4.1	446.8	144.0
84	-.2	1.6	.0	149	1.6	78.2	.0	214	3.9	450.7	144.0
85	-.1	1.6	.0	150	1.0	79.2	.0	215	3.8	454.5	144.0
86	.0	1.7	.0	151	1.7	80.9	.0	216	4.3	458.8	144.3
87	.1	1.7	.0	152	1.1	82.0	.0	217	5.4	464.1	145.7
88	.2	1.9	.0	153	1.0	83.0	.0	218	6.5	470.6	148.2
89	.5	2.4	.0	154	1.2	84.2	.0	219	6.8	477.4	151.0
90	.4	2.8	.0	155	1.1	85.3	.0	220	5.5	483.0	152.5
91	.6	3.4	.0	156	1.6	86.9	.0	221	5.1	488.1	153.7
92	.6	3.9	.0	157	1.5	88.4	.0	222	4.6	492.7	154.3
93	.3	4.3	.0	158	1.5	89.8	.0	223	4.4	497.1	154.6
94	.4	4.7	.0	159	1.7	91.5	.0	224	4.4	501.5	155.0
95	.7	5.4	.0	160	1.7	93.2	.0	225	4.6	506.1	155.6
96	1.0	6.4	.0	161	2.4	95.6	.0	226	5.0	511.0	156.6
97	.6	7.0	.0	162	3.4	99.0	.0	227	4.7	515.8	157.3
98	.6	7.6	.0	163	5.6	104.6	1.6	228	4.6	520.3	157.9
99	.4	8.0	.0	164	5.8	110.4	3.3	229	4.7	525.0	158.6
100	.5	8.5	.0	165	6.5	116.9	5.9	230	4.4	529.5	159.0
101	.3	8.8	.0	166	7.1	124.0	9.0	231	4.8	534.2	159.8
102	.4	9.2	.0	167	7.0	131.1	12.0	232	5.5	539.7	161.3
103	-.1	9.2	.0	168	7.3	138 4	15.4	233	6.0	545.7	163.2
104	-.2	9.2	.0	169	7.2	145.6	18.6	234	7.1	552.8	166.3
105	.0	9.3	.0	170	7.7	153.3	22.2				
106	-.1	9.3	.0	171	7.8	161.1	26.0				
107	.4	9.7	.0	172	6.7	167.8	28.8				
108	.7	10.4	.0	173	6.1	173.9	30.9				
109	.3	10.7	.0	174	4.8	178.7	31.6				
110	.3	10.9	.0	175	6.1	184.8	33.8				
111	.3	11.2	.0	176	8.5	193.3	38.2				
112	.3	11.5	.0	177	9.8	203.1	44.0				
113	.5	12.0	.0	178	9.9	213.0	49.9				
114	.7	12.7	.0	179	11.1	224.1	57.0				
115	.8	13.5	.0	180	11.6	235.7	64.7				
116	1.0	14.5	.0	181	11.7	247.4	72.4				
117	.6	15.1	.0	182	11.0	258.4	79.4				
118	.6	15.7	.0	183	9.6	268.0	85.0				
119	.8	16.5	.0	184	11.0	279.0	92.0				
120	.9	17.4	.0	185	10.8	289.9	98.8				
121	.6	18.0	.0	186	10.5	300.4	105.4				
122	.4	18.4	.0	187	8.7	309.1	110.1				
123	.4	18.8	.0	188	7.3	316.4	113.4				
124	.5	19.4	.0	189	6.2	322.6	115.6				
125	.5	19.9	.0	190	4.8	327.5	116.4				
126	.4	20.3	.0	191	5.4	332.8	117.8				
127	.6	20.9	.0	192	7.5	340.3	121.3				
128	1.7	22.6	.0	193	5.5	345.9	122.8				
129	1.7	24.4	.0	194	3.9	349.7	122.8				
130	1.7	26.1	.0	195	4.5	354.2	123.3				
131	1.8	27.9	.0	196	4.6	358.7	123.9				
132	1.7	29.5	.0	197	4.4	363.1	124.2				
133	1.9	31.5	.0	198	5.2	368.4	125.5				
134	2.5	33.9	.0	199	5.1	373.5	126.6				
135	2.9	36.8	.0	200	5.7	379.2	128.3				
136	2.7	39.5	.0	201	6.8	386.0	131.1				
137	3.0	42.5	.0	202	5.9	391.9	133.0				

STN 414 DEPTH 36M







NORTH WEST COVE NS
41.52N 64.00W 2000Z 14/03/89 - 1600Z 22/08/89
INST. 63348

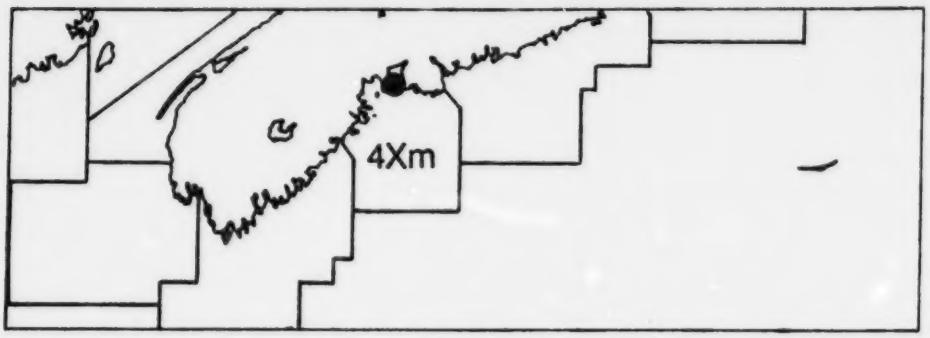
NORTH WEST COVE NS

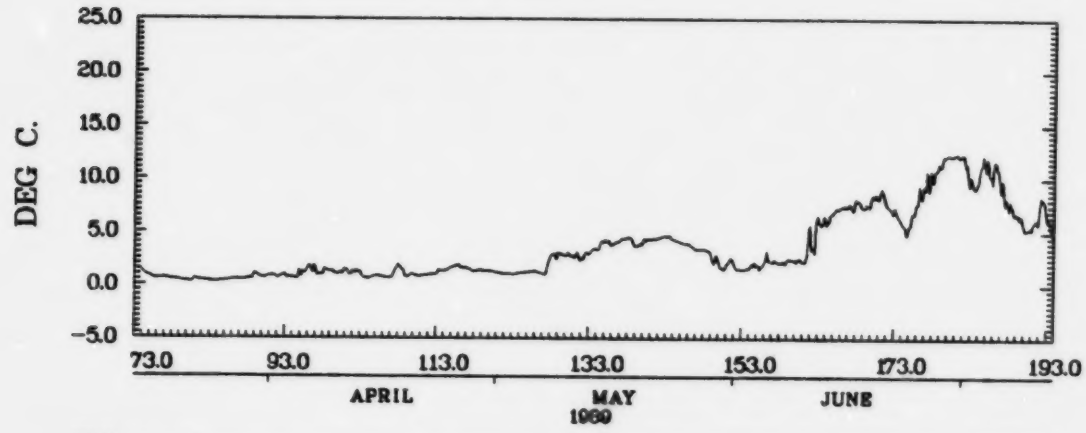
STA. 4XM 415

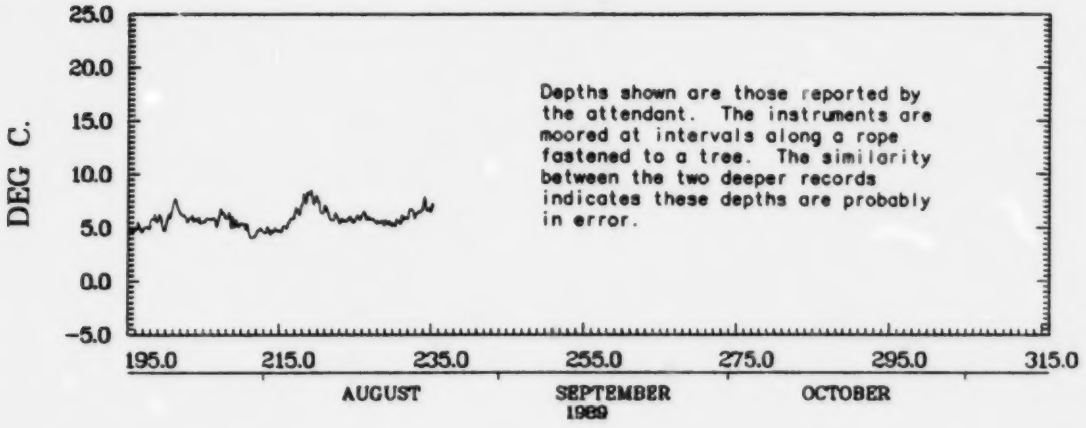
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
18.0M.	18.0M.	41.52	64.00	14/ 3/ 89	23/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
73	1.4	1.4	.0	138	4.2	90.0	.6	203	5.8	473.9	150.7
74	1.1	2.4	.0	139	3.7	93.7	.6	204	5.6	479.5	152.3
75	.7	3.1	.0	140	4.3	98.0	.9	205	5.8	485.3	154.1
76	.6	3.7	.0	141	4.3	102.3	1.2	206	5.7	490.9	155.8
77	.6	4.3	.0	142	4.5	106.8	1.7	207	6.3	497.2	158.0
78	.5	4.8	.0	143	4.5	111.3	2.3	208	5.8	503.0	159.8
79	.4	5.1	.0	144	4.2	115.5	2.4	209	5.2	508.2	161.0
80	.3	5.4	.0	145	3.9	119.4	2.4	210	5.2	513.4	162.2
81	.5	5.9	.0	146	3.7	123.1	2.4	211	4.2	517.6	162.4
82	.4	6.3	.0	147	3.4	126.5	2.4	212	4.7	522.3	163.1
83	.3	6.6	.0	148	3.3	129.7	2.4	213	4.6	526.9	163.7
84	.3	6.9	.0	149	2.5	132.2	2.4	214	4.7	531.7	164.5
85	.4	7.3	.0	150	1.7	133.9	2.4	215	4.9	536.6	165.4
86	.5	7.8	.0	151	2.3	136.2	2.4	216	5.6	542.1	166.9
87	.5	8.4	.0	152	1.6	137.9	2.4	217	6.6	548.8	169.6
88	.6	9.0	.0	153	1.5	139.4	2.4	218	7.7	556.5	173.3
89	.9	9.9	.0	154	1.9	141.3	2.4	219	7.9	564.4	177.2
90	.7	10.6	.0	155	1.8	143.1	2.4	220	6.7	571.2	180.0
91	.8	11.5	.0	156	2.4	145.5	2.4	221	6.3	577.5	182.3
92	.8	12.3	.0	157	2.2	147.8	2.4	222	6.0	583.5	184.3
93	.8	13.0	.0	158	2.2	149.9	2.4	223	5.6	589.1	185.9
94	.8	13.8	.0	159	2.4	152.4	2.4	224	5.8	594.9	187.7
95	1.1	15.0	.0	160	2.4	154.7	2.4	225	5.9	600.8	189.6
96	1.6	16.6	.0	161	2.9	157.6	2.4	226	6.1	606.9	191.7
97	1.1	17.6	.0	162	4.1	161.8	2.6	227	5.6	612.6	193.4
98	1.3	19.0	.0	163	6.1	167.8	4.6	228	5.5	618.0	194.9
99	1.2	20.1	.0	164	6.2	174.0	6.8	229	5.4	623.5	196.3
100	1.2	21.3	.0	165	7.1	181.1	9.9	230	5.5	629.0	197.8
101	1.2	22.4	.0	166	7.4	188.5	13.3	231	5.9	634.8	199.6
102	1.3	23.7	.0	167	7.4	195.9	16.7	232	6.4	641.2	202.0
103	.8	24.5	.0	168	7.8	203.7	20.5	233	6.4	647.6	204.5
104	.7	25.1	.0	169	7.4	211.1	23.9	234	7.0	654.7	207.5
105	.8	25.9	.0	170	8.4	219.5	28.3	235	6.9	661.6	210.4
106	.7	26.6	.0	171	8.5	227.9	32.8				
107	1.2	27.8	.0	172	7.2	235.2	36.0				
108	1.5	29.3	.0	173	6.6	241.7	38.5				
109	.9	30.2	.0	174	5.3	247.1	39.9				
110	.9	31.1	.0	175	6.5	253.6	42.4				
111	.9	32.0	.0	176	8.5	262.1	46.9				
112	1.0	33.0	.0	177	9.8	271.8	52.7				
113	1.3	34.2	.0	178	10.6	282.4	59.2				
114	1.4	35.6	.0	179	11.7	294.1	66.9				
115	1.7	37.4	.0	180	12.2	306.3	75.2				
116	1.6	39.0	.0	181	12.2	318.6	83.4				
117	1.5	40.5	.0	182	11.1	329.6	90.4				
118	1.3	41.8	.0	183	9.6	339.2	96.0				
119	1.3	43.1	.0	184	11.0	350.2	103.0				
120	1.3	44.4	.0	185	10.7	360.9	109.7				
121	1.1	45.5	.0	186	10.9	371.8	116.6				
122	1.0	46.5	.0	187	8.5	380.2	121.0				
123	1.1	47.6	.0	188	7.2	387.5	124.3				
124	1.2	48.8	.0	189	6.4	393.9	126.7				
125	1.2	50.0	.0	190	5.4	399.2	128.1				
126	1.2	51.2	.0	191	5.9	405.1	129.9				
127	1.4	52.6	.0	192	7.8	412.9	133.7				
128	2.7	55.4	.0	193	5.6	418.5	135.3				
129	2.9	58.3	.0	194	4.4	422.9	135.7				
130	2.8	61.1	.0	195	4.7	427.6	136.4				
131	2.7	63.7	.0	196	5.0	432.6	137.4				
132	2.8	66.5	.0	197	5.0	437.6	138.4				
133	3.2	69.7	.0	198	5.8	443.4	140.2				
134	3.7	73.4	.0	199	5.5	448.9	141.7				
135	4.1	77.5	.1	200	6.0	454.9	143.7				
136	3.9	81.4	.1	201	7.2	462.1	146.9				
137	4.3	85.7	.4	202	6.0	468.1	148.9				

STN 415 DEPTH 18M







NORTH WEST COVE NS
41.52N 64.00W 2000Z 14/03/89 - 0800Z 23/08/89
INST. 64177

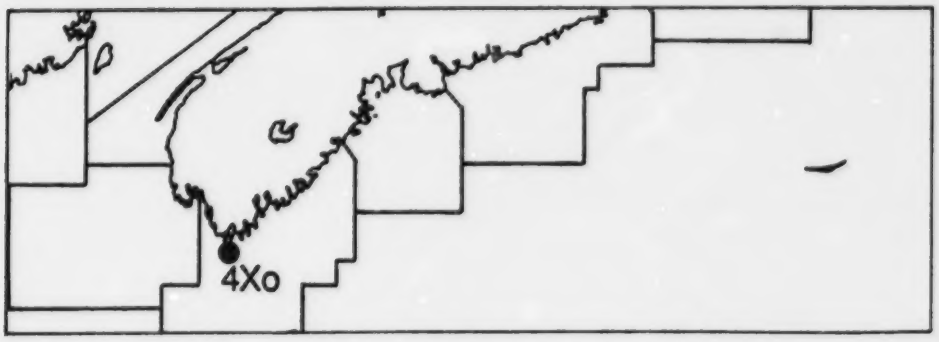
CAPE SABLE IS NS

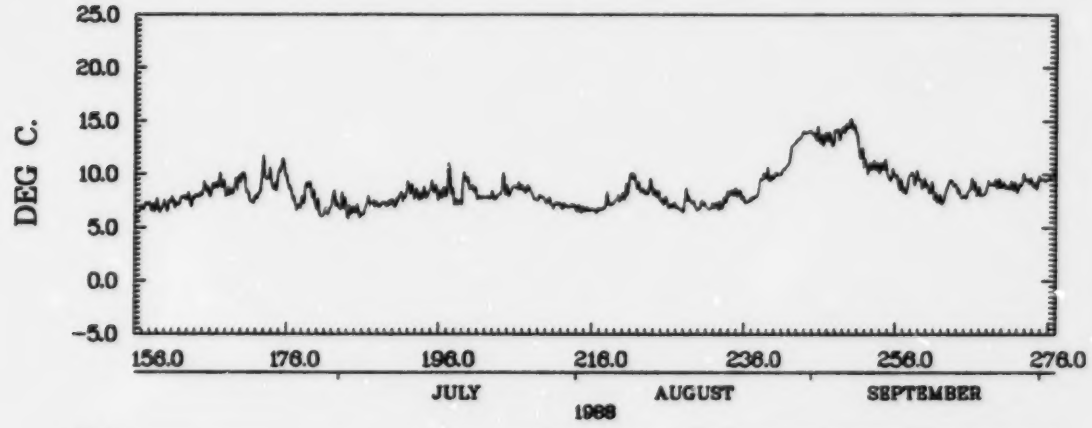
STA. 4XO 401

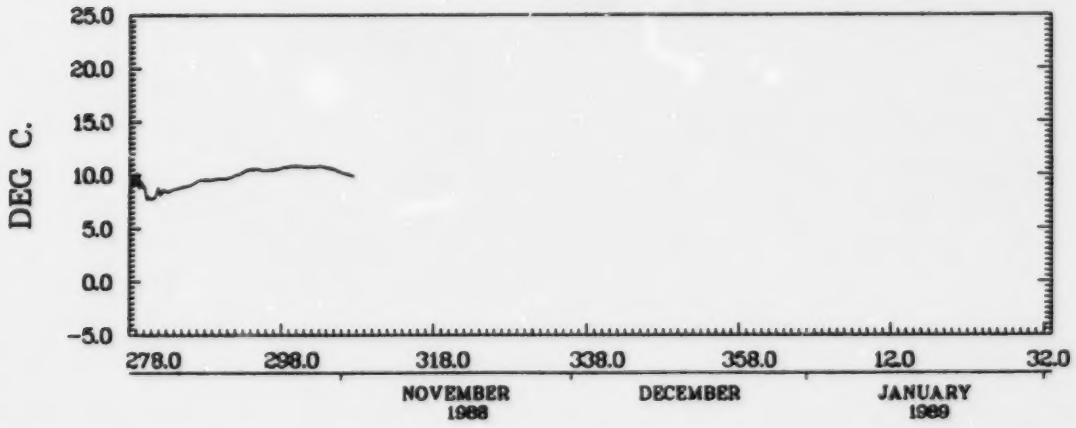
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
10.0M.	10.0M.	43.44	65.50	4/ 6/ 88	2/11/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
156	6.8	6.8	2.8	221	9.6	520.7	256.7	286	9.2	1137.5	613.5
157	7.0	13.8	5.8	222	8.7	529.4	261.4	287	9.5	1147.0	619.0
158	6.9	20.7	8.7	223	8.7	538.0	266.0	288	9.5	1156.5	624.5
159	6.9	27.6	11.6	224	8.1	546.2	270.2	289	9.6	1166.1	630.1
160	7.2	34.8	14.8	225	7.5	553.6	273.6	290	9.7	1175.8	635.8
161	7.3	42.2	18.2	226	7.1	560.7	276.7	291	9.8	1185.6	641.6
162	7.7	49.9	21.9	227	6.8	567.5	279.5	292	10.1	1195.7	647.7
163	7.6	57.5	25.5	228	7.6	575.1	283.1	293	10.4	1206.1	654.1
164	8.0	65.5	29.5	229	7.1	582.3	286.3	294	10.5	1216.6	660.6
165	8.6	74.1	34.1	230	7.2	589.4	289.4	295	10.5	1227.0	667.0
166	8.7	82.9	38.9	231	6.9	596.3	292.3	296	10.4	1237.5	673.5
167	9.2	92.1	44.1	232	7.1	603.5	295.5	297	10.5	1248.0	680.0
168	8.3	100.4	48.4	233	7.5	611.0	299.0	298	10.7	1258.7	686.7
169	9.1	109.5	53.5	234	8.2	619.2	303.2	299	10.8	1269.5	693.5
170	9.3	118.8	58.8	235	8.2	627.4	307.4	300	10.8	1280.3	700.3
171	7.6	126.4	62.4	236	7.6	635.0	311.0	301	10.7	1291.0	707.0
172	8.5	135.0	67.0	237	7.9	642.8	314.8	302	10.8	1301.8	713.8
173	10.1	145.1	73.1	238	9.5	652.3	320.3	303	10.8	1312.6	720.6
174	8.9	154.0	78.0	239	9.8	662.2	326.2	304	10.6	1323.2	727.2
175	10.6	164.7	84.7	240	10.0	672.2	332.2	305	10.4	1333.5	733.5
176	8.8	173.5	89.5	241	10.5	682.7	338.7	306	10.1	1343.7	739.7
177	7.1	180.6	92.6	242	12.3	695.0	347.0	307	9.9	1353.6	745.6
178	8.3	188.9	96.9	243	13.5	708.4	356.4				
179	8.3	197.2	101.2	244	14.0	722.4	366.4				
180	6.5	203.7	103.7	245	13.8	736.2	376.2				
181	6.6	210.3	106.3	246	13.3	749.5	385.5				
182	7.5	217.8	109.8	247	13.2	762.7	394.7				
183	7.2	225.0	113.0	248	14.0	776.7	404.7				
184	6.5	231.5	115.5	249	14.4	791.1	415.1				
185	6.5	238.0	118.0	250	14.5	805.7	425.7				
186	6.9	244.9	120.9	251	12.2	817.9	433.9				
187	7.2	252.1	124.1	252	10.8	828.6	440.6				
188	7.2	259.3	127.3	253	10.7	839.3	447.3				
189	7.3	266.6	130.6	254	10.7	850.1	454.1				
190	7.5	274.0	134.0	255	9.9	860.0	460.0				
191	8.0	282.1	138.1	256	9.4	869.4	465.4				
192	8.5	290.6	142.6	257	8.9	878.2	470.2				
193	8.0	298.6	146.6	258	9.9	888.1	476.1				
194	8.2	306.8	150.8	259	9.3	897.4	481.4				
195	8.7	315.5	155.5	260	8.8	906.2	486.2				
196	8.2	323.7	159.7	261	7.8	914.1	490.1				
197	9.1	332.9	164.9	262	7.9	922.0	494.0				
198	7.4	340.2	168.2	263	9.3	931.3	499.3				
199	9.2	349.4	173.4	264	8.3	939.5	503.5				
200	8.7	358.1	178.1	265	8.2	947.8	507.8				
201	7.8	365.9	181.9	266	8.8	956.6	512.6				
202	7.8	373.7	185.7	267	8.2	964.8	516.8				
203	7.9	381.7	189.7	268	9.1	973.9	521.9				
204	8.7	390.3	194.3	269	9.1	983.0	527.0				
205	8.5	398.9	198.9	270	8.9	991.9	531.9				
206	8.8	407.7	203.7	271	9.0	1000.9	536.9				
207	8.7	416.3	208.3	272	9.1	1010.0	542.0				
208	7.9	424.3	212.3	273	9.4	1019.5	547.5				
209	7.8	432.1	216.1	274	9.1	1028.6	552.6				
210	7.4	439.5	219.5	275	9.5	1038.0	558.0				
211	7.2	446.7	222.7	276	9.9	1048.0	564.0				
212	7.0	453.7	225.7	277	10.7	1058.7	570.7				
213	7.0	460.7	228.7	278	9.4	1068.1	576.1				
214	6.7	467.4	231.4	279	9.4	1077.5	581.5				
215	6.7	474.1	234.1	280	8.1	1085.6	585.6				
216	6.6	480.8	236.8	281	8.1	1093.7	589.7				
217	6.9	487.6	239.6	282	8.5	1102.2	594.2				
218	7.4	495.1	243.1	283	8.5	1110.7	598.7				
219	7.7	502.7	246.7	284	8.7	1119.5	603.5				
220	8.3	511.1	251.1	285	8.9	1128.4	608.4				

STN 401 DEPTH 10M







CAPE SABLE IS NS
43.44N 65.50W 1600Z 04/06/88 - 1200Z 02/11/88
INST. 63320

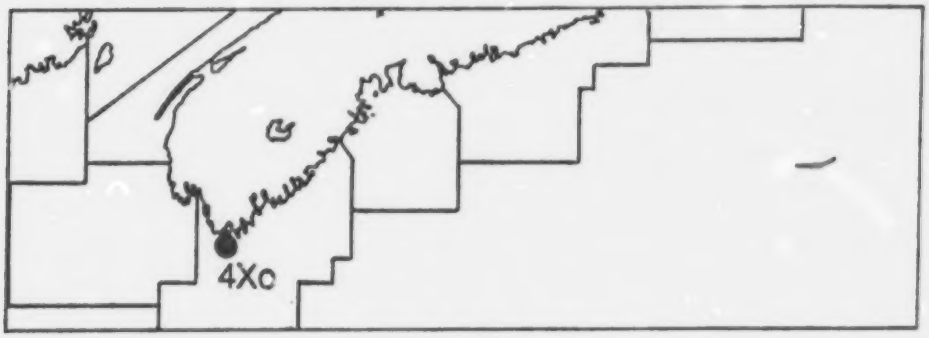
CAPE SABLE ISLAND NS

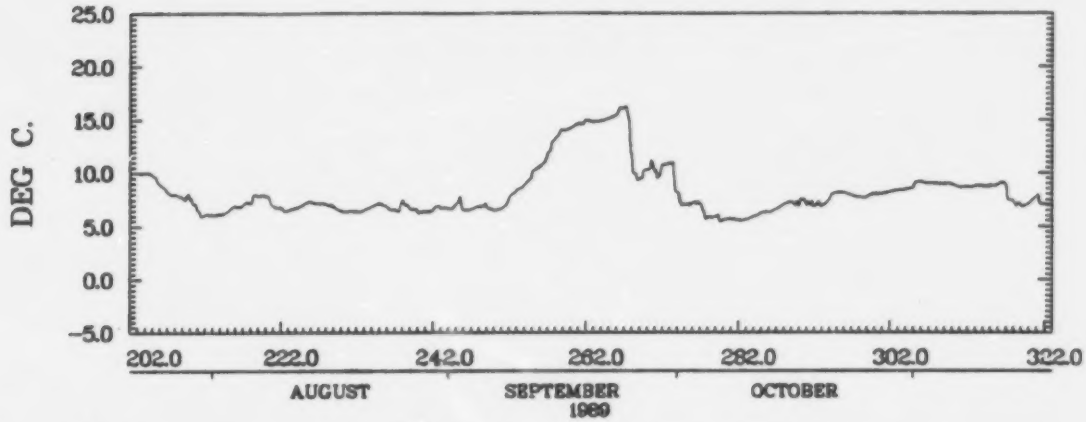
STA. 4XO 426

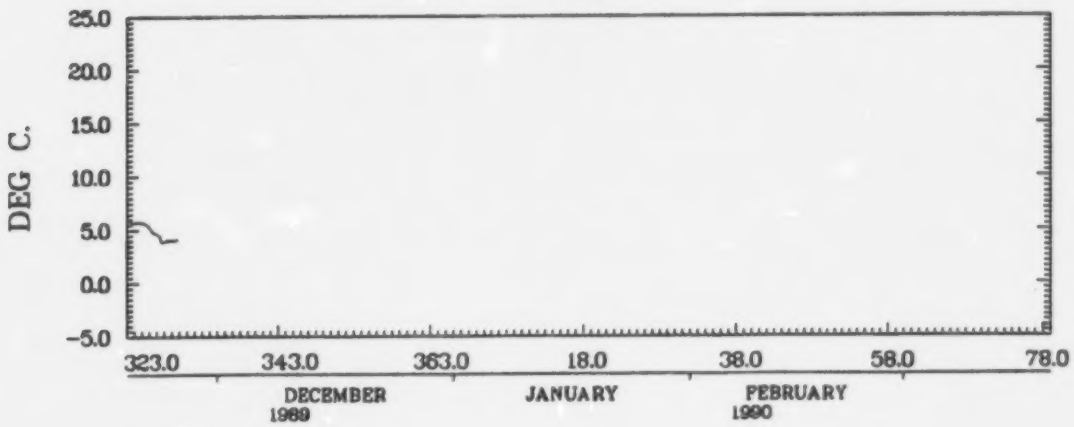
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
10.0M.	10.0M.	46.44	65.50	21/ 7/ 89	25/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
202	10.1	10.1	6.1	267	15.0	563.7	299.7				
203	10.0	20.0	12.0	268	10.0	573.7	305.7				
204	10.0	30.0	18.0	269	9.8	583.5	311.5				
205	9.4	39.4	23.4	270	10.6	594.1	318.1				
206	8.6	48.1	28.1	271	9.9	604.0	324.0				
207	8.0	56.1	32.1	272	10.8	614.8	330.8				
208	7.9	64.0	36.0	273	9.9	624.7	336.7				
209	7.7	71.7	39.7	274	7.4	632.1	340.1				
210	7.1	78.9	42.9	275	7.0	639.2	343.2				
211	6.1	85.0	45.0	276	7.2	646.4	346.4				
212	6.1	91.1	47.1	277	6.4	652.7	348.7				
213	6.1	97.2	49.2	278	5.9	658.6	350.6				
214	6.2	103.4	51.4	279	5.7	664.3	352.3				
215	6.7	110.1	54.1	280	5.7	670.0	354.0				
216	6.9	117.0	57.0	281	5.6	675.6	355.6				
217	7.2	12 .2	60.2	282	5.6	681.1	357.1				
218	7.7	131.9	63.9	283	5.7	686.9	358.9				
219	7.9	139.7	67.7	284	6.0	692.9	360.9				
220	7.5	147.2	71.2	285	6.3	699.2	363.2				
221	6.8	154.0	74.0	286	6.4	705.6	365.6				
222	6.5	160.5	76.5	287	6.8	712.4	368.4				
223	6.6	167.1	79.1	288	7.2	719.6	371.6				
224	6.8	174.0	82.0	289	7.1	726.7	374.7				
225	7.2	181.2	85.2	290	7.4	734.0	378.0				
226	7.2	188.4	88.4	291	7.1	741.1	381.1				
227	7.1	195.5	91.5	292	7.0	748.1	384.1				
228	7.0	202.5	94.5	293	7.1	755.2	387.2				
229	6.6	209.1	97.1	294	7.9	763.1	391.1				
230	6.4	215.5	99.5	295	8.1	771.3	395.3				
231	6.4	221.9	101.9	296	8.0	779.3	399.3				
232	6.4	228.3	104.3	297	7.8	787.1	403.1				
233	6.7	235.0	107.0	298	7.7	794.7	406.7				
234	7.0	242.0	110.0	299	7.9	802.6	410.6				
235	7.0	249.0	113.0	300	8.0	810.6	414.6				
236	6.6	255.6	115.6	301	8.1	818.8	418.8				
237	6.6	262.2	118.2	302	8.3	827.1	423.1				
238	7.0	269.2	121.2	303	8.4	835.5	427.5				
239	6.6	275.8	123.8	304	8.5	844.0	432.0				
240	6.3	282.1	126.1	305	9.1	853.0	437.0				
241	6.4	288.5	128.5	306	9.1	862.1	442.1				
242	6.8	295.3	131.3	307	9.0	871.1	447.1				
243	6.7	302.0	134.0	308	9.0	880.1	452.1				
244	6.7	308.7	136.7	309	9.0	889.0	457.0				
245	7.2	315.9	139.9	310	8.8	897.8	461.8				
246	6.5	322.4	142.4	311	8.7	906.5	466.5				
247	6.7	329.1	145.1	312	8.7	915.2	471.2				
248	6.9	336.0	148.0	313	8.8	924.0	476.0				
249	6.6	342.7	150.7	314	8.7	932.7	480.7				
250	6.5	349.2	153.2	315	8.8	941.5	485.5				
251	7.0	356.2	156.2	316	9.0	950.5	490.5				
252	8.0	364.2	160.2	317	7.7	958.2	494.2				
253	8.6	372.8	164.8	318	7.1	965.3	497.3				
254	9.2	382.0	170.0	319	7.0	972.3	500.3				
255	10.4	392.3	176.3	320	7.5	979.7	503.7				
256	11.0	403.3	183.3	321	7.4	987.1	507.1				
257	12.5	415.8	191.8	322	7.1	994.2	510.2				
258	13.7	429.5	201.5	323	5.9	1000.1	512.1				
259	14.1	443.6	211.6	324	5.7	1005.8	513.8				
260	14.4	458.0	222.0	325	5.6	1011.4	515.4				
261	14.7	472.7	232.7	326	4.9	1016.2	516.2				
262	14.9	487.6	243.6	327	4.2	1020.5	516.5				
263	14.8	502.4	254.4	328	4.0	1024.5	516.5				
264	15.0	517.4	265.4	329	4.1	1028.6	516.6				
265	15.3	532.7	276.7								
266	15.9	548.6	288.6								

STN 426 DEPTH 10M







CAPE SABLE IS NS
43.44N 65.50W 2100Z 21/07/89 - 1700Z 25/11/89
INST. 63375

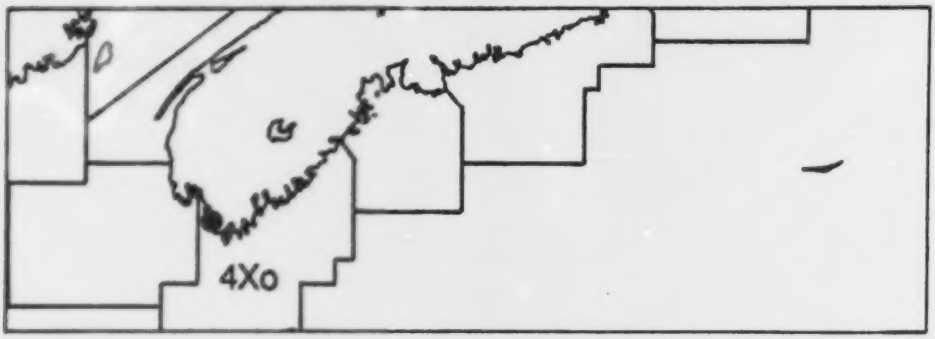
CHARLESVILLE NS

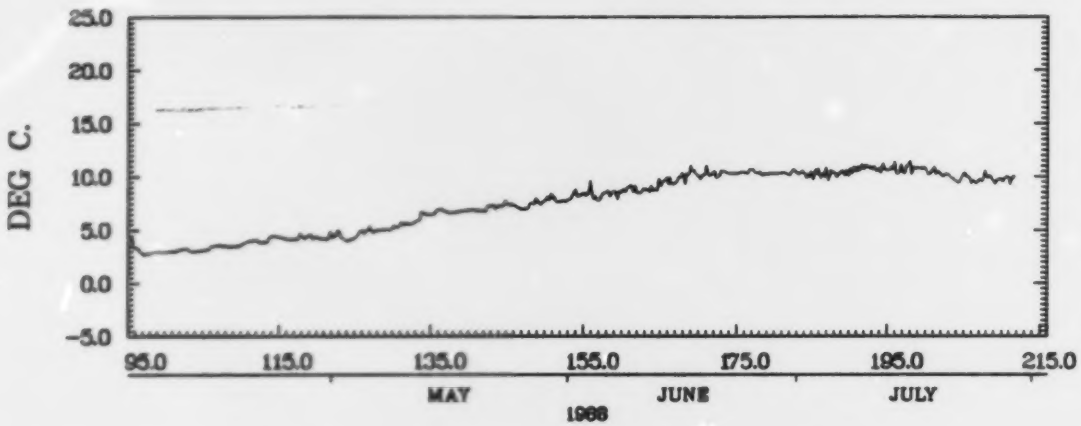
STA. 4XO 402

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
6.0M.	6.0M.	43.63	65.78	4/ 4/ 88	29/ 7/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
95	3.7	3.7	.0	160	8.8	360.7	109.3				
96	3.1	6.8	.0	161	8.9	369.6	114.2				
97	2.7	9.5	.0	162	8.6	378.2	118.8				
98	2.9	12.4	.0	163	8.8	387.0	123.6				
99	2.9	15.3	.0	164	9.1	396.1	128.7				
100	3.0	18.3	.0	165	9.6	405.6	134.3				
101	3.0	21.3	.0	166	9.4	415.1	139.7				
102	3.2	24.5	.0	167	9.9	425.0	145.6				
103	3.0	27.6	.0	168	10.2	435.2	151.8				
104	3.0	30.6	.0	169	10.4	445.5	158.1				
105	3.2	33.8	.0	170	10.2	455.7	164.3				
106	3.5	37.3	.0	171	10.3	466.0	170.6				
107	3.5	40.8	.0	172	10.2	476.2	176.8				
108	3.4	44.2	.0	173	10.4	486.6	183.2				
109	3.5	47.7	.0	174	10.3	496.9	189.5				
110	3.8	51.5	.0	175	10.4	507.2	195.8				
111	4.0	55.5	.0	176	10.5	517.7	202.3				
112	3.9	59.4	.0	177	10.4	528.1	208.7				
113	4.1	63.4	.1	178	10.2	538.4	215.0				
114	4.4	67.8	.4	179	10.3	548.6	221.2				
115	4.2	72.1	.7	180	10.3	558.9	227.5				
116	4.1	76.2	.8	181	10.3	569.2	233.8				
117	4.3	80.5	1.1	182	10.5	579.7	240.3				
118	4.4	84.9	1.5	183	10.4	590.1	246.7				
119	4.3	89.2	1.8	184	10.1	600.2	252.8				
120	4.2	93.4	2.0	185	10.3	610.5	259.1				
121	4.4	97.8	2.4	186	10.2	620.7	265.3				
122	4.6	102.4	3.0	187	10.2	630.9	271.5				
123	4.2	106.6	3.2	188	10.2	641.1	277.8				
124	4.1	110.7	3.3	189	10.3	651.5	284.1				
125	4.6	115.3	3.9	190	10.6	662.1	290.7				
126	5.0	120.2	4.9	191	10.8	672.9	297.6				
127	4.9	125.2	5.8	192	10.9	683.8	304.4				
128	5.0	130.2	6.8	193	10.7	694.6	311.2				
129	5.1	135.2	7.8	194	10.7	705.3	317.9				
130	5.3	140.5	9.1	195	10.9	716.2	324.8				
131	5.6	146.1	10.7	196	10.5	726.7	331.3				
132	5.6	151.7	12.3	197	10.9	737.6	338.2				
133	6.1	157.8	14.4	198	10.7	748.2	344.8				
134	6.5	164.3	16.9	199	10.8	759.0	351.6				
135	6.6	170.9	19.5	200	10.4	769.4	358.0				
136	6.8	177.7	22.4	201	10.4	779.9	364.5				
137	6.6	184.4	25.0	202	10.2	790.0	370.6				
138	6.7	191.1	27.7	203	9.8	799.9	376.5				
139	6.8	197.9	30.5	204	9.8	809.6	382.2				
140	6.9	204.7	33.3	205	9.9	819.5	388.1				
141	6.8	211.5	36.1	206	9.5	829.0	393.6				
142	7.1	218.6	39.2	207	9.9	839.0	399.6				
143	7.2	225.8	42.4	208	9.8	848.8	405.4				
144	7.4	233.1	45.7	209	9.7	858.5	411.1				
145	7.4	240.5	49.1	210	9.8	868.3	416.9				
146	7.1	247.6	52.3	211	9.7	878.0	422.7				
147	7.0	254.7	55.3								
148	7.6	262.3	58.9								
149	7.6	269.9	62.5								
150	8.1	278.0	66.6								
151	7.7	285.7	70.3								
152	7.7	293.4	74.1								
153	8.3	301.7	78.3								
154	8.3	310.0	82.6								
155	8.7	318.6	87.2								
156	8.0	326.6	91.2								
157	8.3	334.9	95.5								
158	8.5	343.4	100.0								
159	8.4	351.8	104.4								

STN 402 DEPTH 6M





CHARLESVILLE NS
43.63N 65.78W 1500Z 04/04/88 - 1500Z 29/07/88
INST. 63811

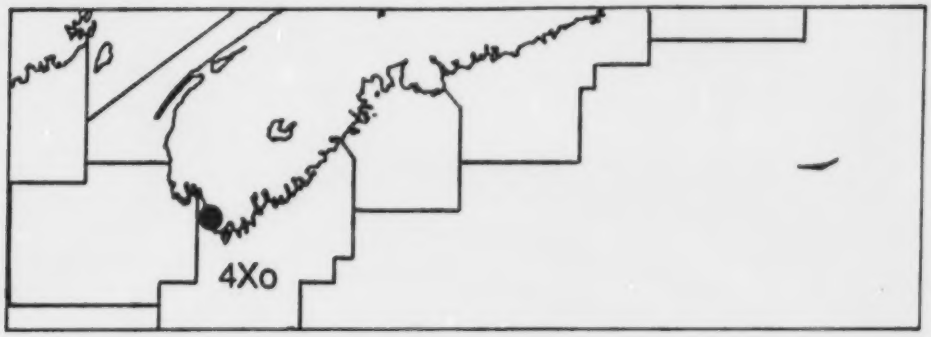
CHARLESVILLE NS

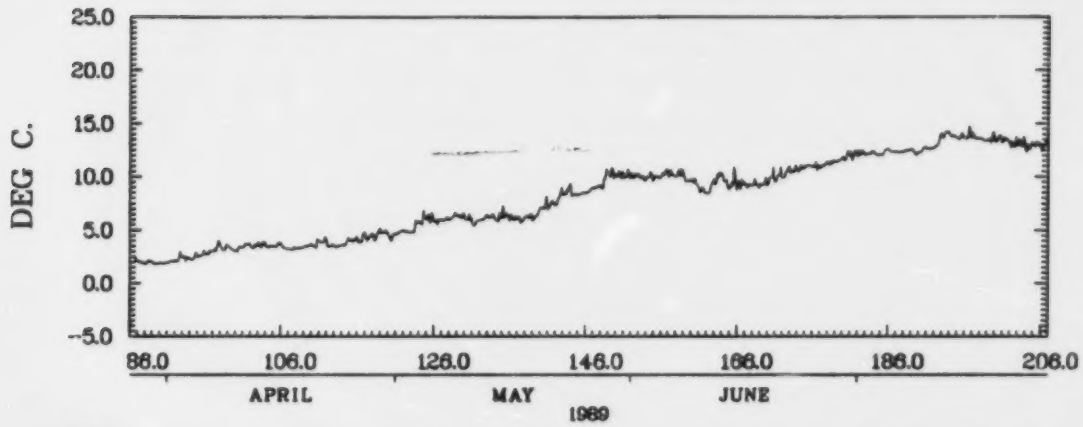
STA. 4XO 425

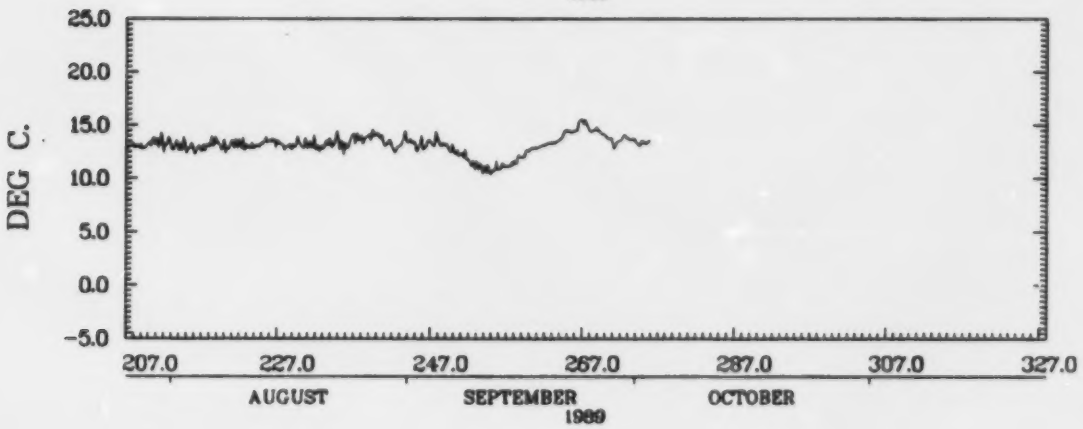
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
6.0M.	6.0M.	43.63	65.78	27/ 3/ 89	2/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
86	2.3	2.3	.0	151	10.1	333.2	97.7	216	12.7	1095.0	599.5
87	2.0	4.3	.0	152	10.1	343.3	103.8	217	13.0	1108.0	608.5
88	2.0	6.3	.0	153	9.9	353.2	109.7	218	13.4	1121.4	617.9
89	1.9	8.1	.0	154	10.0	363.2	115.7	219	13.2	1134.6	627.1
90	1.9	10.0	.0	155	10.0	373.1	121.6	220	13.0	1147.6	636.1
91	2.0	12.1	.0	156	10.3	383.5	128.0	221	13.3	1160.9	645.3
92	2.4	14.4	.0	157	10.2	393.6	134.1	222	13.1	1173.9	654.4
93	2.3	16.8	.0	158	10.3	404.0	140.4	223	13.0	1186.9	663.4
94	2.4	19.2	.0	159	9.7	413.6	146.1	224	13.1	1200.0	672.5
95	2.7	21.9	.0	160	9.4	423.1	151.6	225	13.5	1213.5	682.0
96	2.9	24.8	.0	161	8.6	431.7	156.2	226	13.5	1227.0	691.5
97	3.4	28.2	.0	162	9.0	440.7	161.2	227	13.2	1240.2	700.6
98	3.3	31.4	.0	163	10.0	450.7	167.2	228	13.0	1253.1	709.6
99	3.2	34.6	.0	164	9.5	460.1	172.6	229	13.3	1266.5	718.9
100	3.3	37.9	.0	165	9.5	469.6	178.1	230	13.2	1279.6	728.1
101	3.6	41.5	.0	166	9.4	479.0	183.5	231	13.2	1292.8	737.3
102	3.4	45.0	.0	167	9.2	488.2	188.7	232	12.8	1305.6	746.1
103	3.7	48.6	.0	168	9.3	497.4	193.9	233	13.3	1319.0	755.5
104	3.4	52.1	.0	169	9.4	506.8	199.3	234	13.5	1332.5	765.0
105	3.6	55.7	.0	170	9.9	516.8	205.3	235	13.0	1345.6	774.1
106	3.3	59.0	.0	171	10.1	526.9	211.4	236	13.6	1359.1	783.6
107	3.2	62.2	.0	172	10.4	537.3	217.8	237	13.8	1372.9	793.4
108	3.3	65.5	.0	173	10.6	548.0	224.5	238	13.8	1386.7	803.2
109	3.5	69.0	.0	174	10.8	558.8	231.2	239	14.1	1400.8	813.3
110	3.7	72.7	.0	175	11.0	569.8	238.3	240	13.7	1414.6	823.1
111	4.0	76.7	.0	176	11.0	580.8	245.3	241	13.3	1427.9	832.3
112	3.5	80.2	.0	177	11.1	591.9	252.4	242	12.8	1440.7	841.2
113	3.5	83.7	.0	178	11.3	603.2	259.7	243	13.7	1454.4	850.8
114	3.8	87.5	.0	179	11.6	614.8	267.3	244	13.5	1467.8	860.3
115	4.1	91.6	.1	180	11.9	626.7	275.2	245	13.1	1481.0	869.4
116	4.1	95.8	.3	181	12.1	638.8	283.3	246	13.3	1494.3	878.8
117	4.4	100.2	.6	182	12.2	651.1	291.5	247	13.6	1507.9	888.4
118	4.5	104.7	1.2	183	12.2	663.3	299.8	248	13.2	1521.1	897.6
119	4.8	109.4	1.9	184	12.1	675.4	307.9	249	12.8	1533.9	906.4
120	4.4	113.8	2.3	185	12.3	687.8	316.3	250	12.3	1546.2	914.7
121	4.8	118.7	3.1	186	12.3	700.1	324.6	251	12.1	1558.3	922.8
122	4.8	123.5	4.0	187	12.3	712.4	332.9	252	11.4	1569.7	930.2
123	5.3	128.8	5.3	188	12.5	724.9	341.4	253	11.0	1580.7	937.2
124	6.0	134.8	7.3	189	12.3	737.2	349.7	254	10.8	1591.5	944.0
125	6.1	140.9	9.4	190	12.6	749.8	358.2	255	11.0	1602.5	951.0
126	5.8	146.7	11.2	191	12.7	762.4	366.9	256	11.1	1613.6	958.1
127	6.0	152.8	13.2	192	13.4	775.8	376.2	257	11.3	1625.0	965.5
128	6.3	159.0	15.5	193	14.1	789.8	386.3	258	11.9	1636.9	973.3
129	6.3	165.4	17.8	194	13.8	803.7	396.1	259	12.4	1649.3	981.8
130	6.1	171.4	19.9	195	13.8	817.4	405.9	260	12.9	1662.2	990.6
131	5.7	177.1	21.6	196	13.9	831.3	415.8	261	13.1	1675.2	999.7
132	6.1	183.2	23.7	197	13.7	845.0	425.5	262	13.3	1688.5	1009.0
133	6.3	189.5	26.0	198	13.5	858.5	434.9	263	13.5	1702.0	1018.5
134	6.1	195.6	28.1	199	13.6	872.1	444.5	264	14.2	1716.2	1028.7
135	6.4	202.0	30.5	200	13.6	885.6	454.1	265	14.4	1730.6	1039.1
136	6.2	208.2	32.7	201	13.4	899.0	463.5	266	15.2	1745.8	1050.3
137	6.0	214.2	34.7	202	13.1	912.1	472.6	267	15.0	1760.8	1061.3
138	6.2	220.4	36.9	203	13.2	925.3	481.7	268	14.6	1775.4	1071.8
139	6.5	226.9	39.4	204	12.8	938.1	490.6	269	14.2	1789.6	1082.1
140	7.2	234.1	42.6	205	13.0	951.1	499.6	270	13.7	1803.3	1091.8
141	7.4	241.5	46.0	206	13.0	964.0	508.5	271	13.3	1816.6	1101.1
142	8.1	249.6	50.1	207	13.1	977.2	517.6	272	13.9	1830.5	1111.0
143	8.7	258.3	54.8	208	13.0	990.2	526.7	273	13.7	1844.1	1120.6
144	8.3	266.6	59.1	209	13.0	1003.2	535.7	274	13.3	1857.5	1130.0
145	8.4	275.0	63.5	210	13.4	1016.6	545.1	275	13.4	1870.9	1139.4
146	8.7	283.7	68.2	211	13.4	1030.0	554.5				
147	9.0	292.8	73.2	212	13.3	1043.3	563.8				
148	9.8	302.6	79.1	213	13.0	1056.3	572.8				
149	10.3	312.9	85.4	214	13.1	1069.4	581.9				
150	10.2	323.1	91.6	215	12.9	1082.3	590.8				

STN 425 DEPTH 6M







CHARLESVILLE NS
43.63N 65.78W 1500Z 27/03/89 - 1900Z 02/10/89
INST. 62898

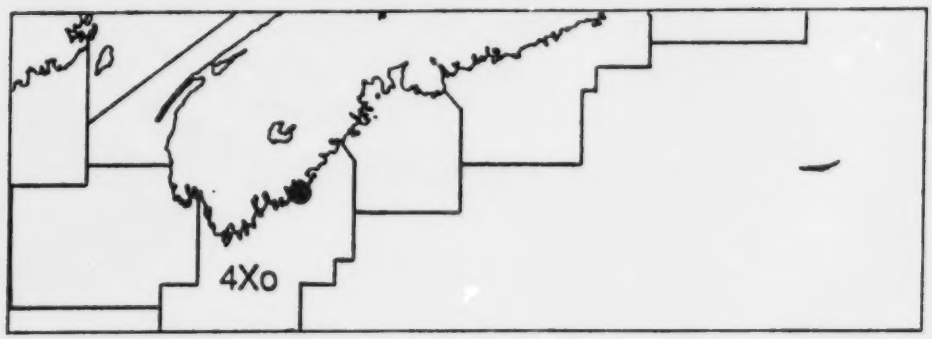
PORT HEBERT NS (DFO HFX)

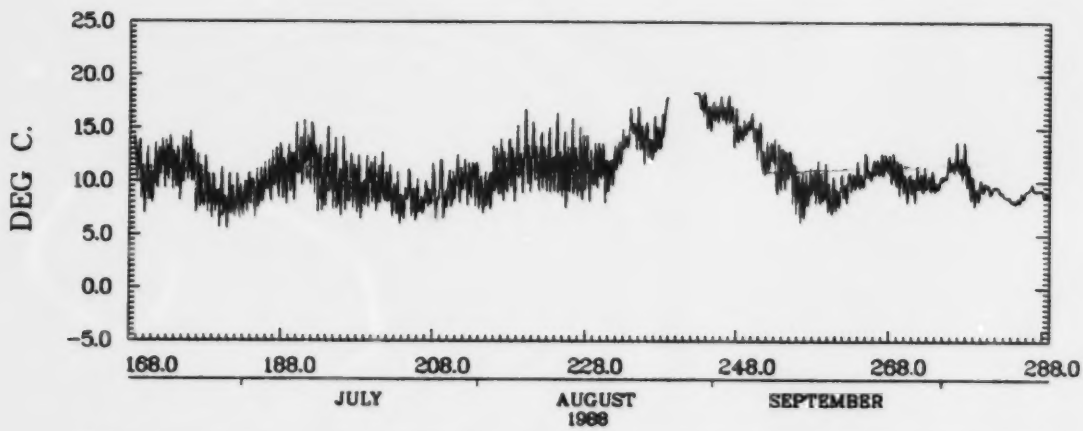
STA. 4XO 487

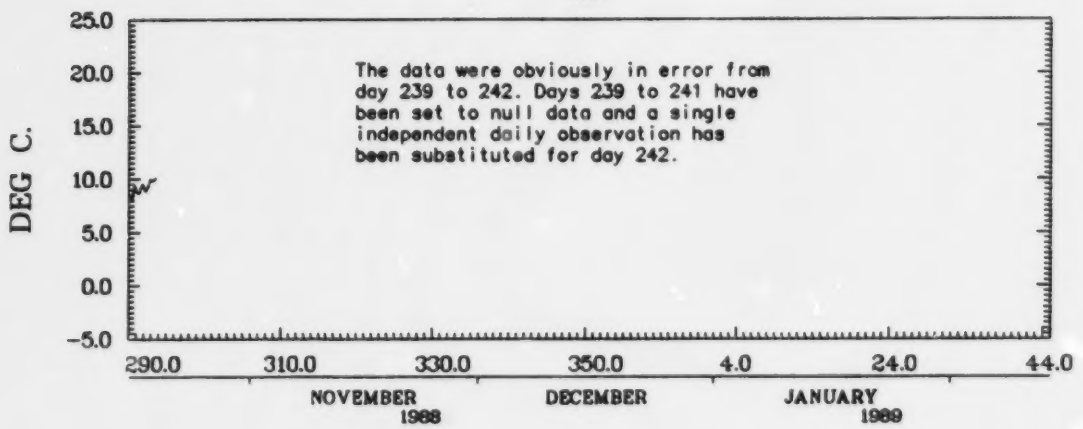
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
8.0M.	8.0M.	45.83	64.94	16/ 6/ 88	19/10/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
168	13.3	13.3	9.3	233	14.4	688.9	424.9				
169	11.1	24.4	16.4	234	14.9	703.8	435.8				
170	9.9	34.4	22.4	235	13.8	717.6	445.6				
171	10.7	45.1	29.1	236	13.5	731.1	455.1				
172	11.8	56.9	36.9	237	14.1	745.2	465.2				
173	11.9	68.8	44.8	238	16.5	761.7	477.7				
174	11.1	79.9	51.9	242	18.3	780.0	492.0				
175	12.2	92.2	60.2	243	17.2	797.2	505.2				
176	10.4	102.6	66.6	244	16.4	813.6	517.6				
177	9.3	111.9	71.9	245	16.8	830.4	530.4				
178	9.3	121.2	77.2	246	16.8	847.2	543.2				
179	8.6	129.8	81.8	247	15.6	862.8	554.8				
180	8.2	138.0	86.0	248	14.6	877.4	565.4				
181	8.1	146.1	90.1	249	15.3	892.6	576.6				
182	8.5	154.6	94.6	250	14.4	907.0	587.0				
183	9.2	163.8	99.8	251	12.3	919.3	595.3				
184	9.1	172.9	104.9	252	12.5	931.8	603.8				
185	9.5	182.5	110.5	253	11.1	942.9	610.9				
186	10.1	192.5	116.5	254	11.7	954.6	618.6				
187	10.7	203.3	123.3	255	10.4	965.0	625.0				
188	10.7	214.0	130.0	256	9.0	974.0	630.0				
189	11.3	225.3	137.3	257	9.3	983.3	635.3				
190	11.9	237.2	145.2	258	9.7	993.0	641.0				
191	12.3	249.5	153.5	259	9.3	1002.3	646.3				
192	11.7	261.2	161.2	260	8.6	1010.9	650.9				
193	10.5	271.7	167.7	261	9.0	1019.9	655.9				
194	11.1	282.8	174.8	262	9.5	1029.5	661.5				
195	9.7	292.5	180.5	263	10.2	1039.7	667.7				
196	10.4	302.9	186.9	264	10.4	1050.0	674.0				
197	10.2	313.0	193.0	265	11.1	1061.1	681.1				
198	9.5	322.5	198.5	266	11.4	1072.5	688.5				
199	10.1	332.6	204.6	267	11.5	1084.0	696.0				
200	9.5	342.1	210.1	268	10.9	1094.9	702.9				
201	9.6	351.7	215.7	269	10.4	1105.3	709.3				
202	8.7	360.5	220.5	270	9.7	1114.9	714.9				
203	8.1	368.5	224.5	271	9.8	1124.7	720.7				
204	8.6	377.2	229.2	272	9.9	1134.6	726.6				
205	8.1	385.3	233.3	273	10.0	1144.6	732.6				
206	7.9	393.2	237.2	274	9.7	1154.3	738.3				
207	8.6	401.8	241.8	275	10.9	1165.3	745.3				
208	8.9	410.7	246.7	276	11.9	1177.1	753.1				
209	9.2	419.9	251.9	277	11.6	1188.7	760.7				
210	9.4	429.3	257.3	278	10.0	1198.7	766.7				
211	10.1	439.4	263.4	279	9.1	1207.8	771.8				
212	10.1	449.5	269.5	280	9.5	1217.4	777.4				
213	10.3	459.8	275.8	281	9.3	1226.6	782.6				
214	9.1	468.9	280.9	282	9.2	1235.8	787.8				
215	9.8	478.7	286.7	283	8.5	1244.3	792.3				
216	10.6	489.2	293.2	284	8.2	1252.5	796.5				
217	10.7	499.9	299.9	285	8.6	1261.1	801.1				
218	11.6	511.5	307.5	286	9.3	1270.5	806.5				
219	11.7	523.2	315.2	287	9.2	1279.7	811.7				
220	12.2	535.4	323.4	288	8.8	1288.5	816.5				
221	12.1	547.5	331.5	289	8.5	1297.0	821.0				
222	12.1	559.6	339.6	290	8.7	1305.7	825.7				
223	11.7	571.3	347.3	291	9.0	1314.7	830.7				
224	11.6	583.0	355.0	292	9.4	1324.1	836.1				
225	11.0	593.9	361.9	293	9.9	1334.0	842.0				
226	11.4	605.4	369.4								
227	11.2	616.6	376.6								
228	11.0	627.6	383.6								
229	11.5	639.1	391.1								
230	11.2	650.3	398.3								
231	11.4	661.7	405.7								
232	12.9	674.6	414.6								

STN 407 DEPTH 8M







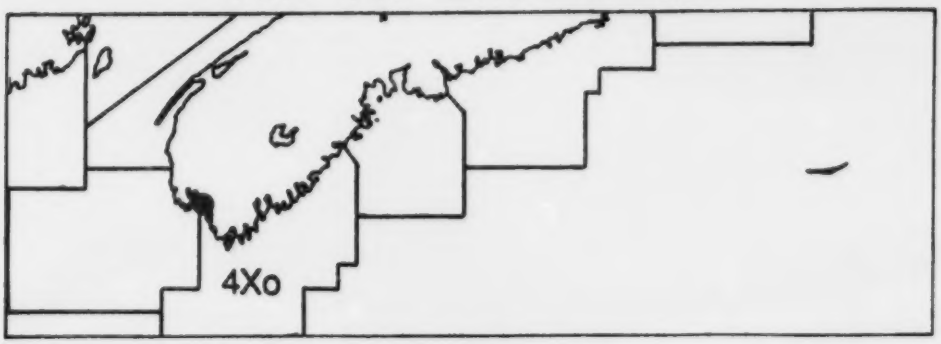
PORT HEBERT NS (DFO HFX)
45.83N 64.94W 1700Z 16/06/88 - 1300Z 19/10/88
INST. 64137

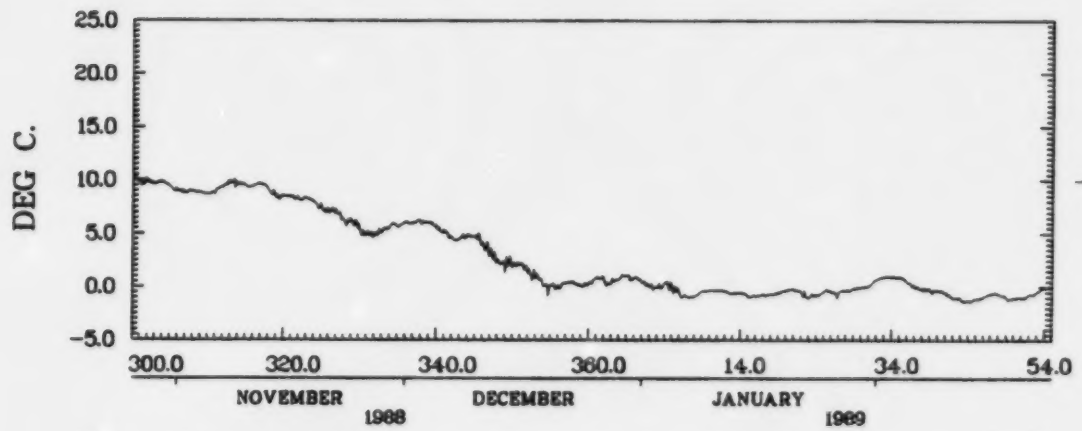
RANKIN IS NS (DFO HFX) STA. 4X0 403

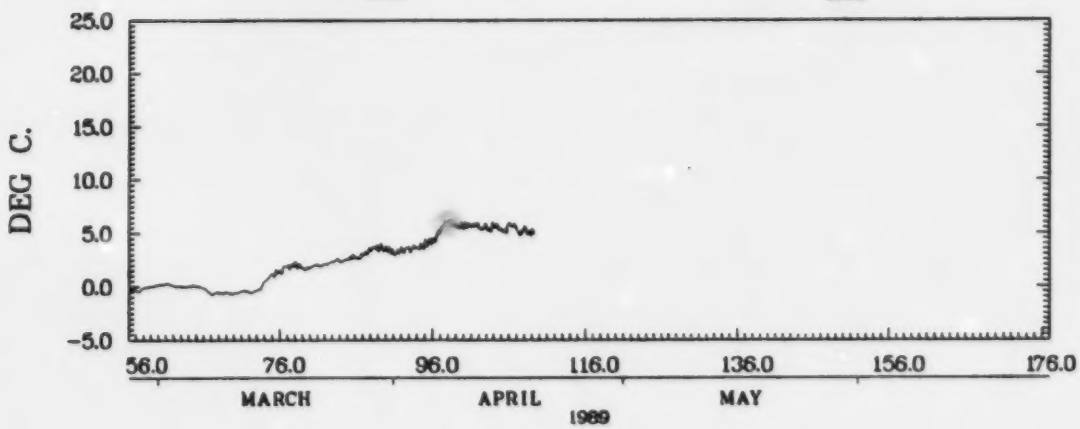
WATER DEPTH 8.0M.	INST DEPTH 8.0M.	LATITUDE 43.74	LONGITUDE 65.86	FROM 26/10/ 88	TO 19/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
300	10.2	10.2	6.2	365	.9	367.8	161.3	64	.1	374.0	161.3
301	9.8	20.0	12.0	366	.8	368.6	161.3	65	.0	374.0	161.3
302	9.8	29.7	17.7	1	.3	369.0	161.3	66	-.4	374.0	161.3
303	9.8	39.5	23.5	2	.0	369.0	161.3	67	-.6	374.0	161.3
304	9.7	49.2	29.2	3	.0	369.0	161.3	68	-.6	374.0	161.3
305	9.2	58.3	34.3	4	.2	369.2	161.3	69	-.6	374.0	161.3
306	9.0	67.3	39.3	5	-.2	369.2	161.3	70	-.6	374.0	161.3
307	8.9	76.2	44.2	6	-.8	369.2	161.3	71	-.4	374.0	161.3
308	8.9	85.1	49.1	7	-.9	369.2	161.3	72	-.5	374.0	161.3
309	8.7	93.9	53.9	8	-.7	369.2	161.3	73	-.1	374.0	161.3
310	8.8	102.6	58.6	9	-.4	369.2	161.3	74	.7	374.7	161.3
311	9.1	111.8	63.8	10	-.3	369.2	161.3	75	1.2	376.0	161.3
312	9.6	121.4	69.4	11	-.3	369.2	161.3	76	1.6	377.6	161.3
313	9.7	131.1	75.1	12	-.5	369.2	161.3	77	1.9	379.5	161.3
314	9.6	140.7	80.7	13	-.6	369.2	161.3	78	2.0	381.5	161.3
315	9.4	150.1	86.1	14	-.6	369.2	161.3	79	1.7	383.2	161.3
316	9.5	159.7	91.7	15	-.9	369.2	161.3	80	1.9	385.1	161.3
317	9.5	169.2	97.2	16	-.8	369.2	161.3	81	2.0	387.2	161.3
318	8.8	178.0	102.0	17	-.7	369.2	161.3	82	2.2	389.3	161.3
319	8.4	186.4	106.4	18	-.6	369.2	161.3	83	2.4	391.8	161.3
320	8.5	194.9	110.9	19	-.5	369.2	161.3	84	2.4	394.2	161.3
321	8.4	203.3	115.3	20	-.3	369.2	161.3	85	2.7	396.9	161.3
322	8.2	211.5	119.5	21	-.3	369.2	161.3	86	2.8	399.7	161.3
323	8.2	219.7	123.7	22	-.7	369.2	161.3	87	3.2	402.9	161.3
324	7.7	227.4	127.4	23	-.8	369.2	161.3	88	3.6	406.5	161.3
325	7.2	234.6	130.6	24	-.7	369.2	161.3	89	3.5	410.0	161.3
326	7.1	241.7	133.7	25	-.4	369.2	161.3	90	3.4	413.5	161.3
327	6.8	248.5	136.5	26	-.6	369.2	161.3	91	3.2	416.7	161.3
328	6.1	254.6	138.6	27	-.4	369.2	161.3	92	3.5	420.2	161.3
329	6.0	260.5	140.5	28	-.3	369.2	161.3	93	3.6	423.8	161.3
330	5.2	265.7	141.7	29	-.1	369.2	161.3	94	3.7	427.5	161.3
331	4.9	270.6	142.6	30	.0	369.2	161.3	95	4.2	431.7	161.5
332	5.1	275.7	143.7	31	.4	369.6	161.3	96	4.7	436.3	162.2
333	5.4	281.1	145.1	32	.8	370.4	161.3	97	5.8	442.1	164.0
334	5.8	286.9	146.9	33	.9	371.3	161.3	98	5.9	448.1	165.9
335	5.8	292.7	148.7	34	.9	372.2	161.3	99	5.7	453.7	167.6
336	6.0	298.6	150.6	35	.8	373.0	161.3	100	5.7	459.5	169.3
337	6.1	304.7	152.7	36	.3	373.3	161.3	101	5.8	465.2	171.1
338	6.0	310.8	154.8	37	-.1	373.3	161.3	102	5.5	470.8	172.7
339	5.9	316.7	156.7	38	-.2	373.3	161.3	103	5.4	476.2	174.1
340	5.3	322.0	158.0	39	-.4	373.3	161.3	104	5.6	481.8	175.6
341	5.0	327.0	159.0	40	-.4	373.3	161.3	105	5.3	487.1	177.0
342	4.4	331.4	159.4	41	-.7	373.3	161.3	106	5.8	492.8	178.7
343	4.6	336.0	160.0	42	-1.0	373.3	161.3	107	5.2	498.0	179.9
344	4.8	340.8	160.8	43	-1.3	373.3	161.3	108	5.2	503.2	181.1
345	4.6	345.3	161.3	44	-1.2	373.3	161.3	109	5.2	508.4	182.2
346	3.7	349.0	161.3	45	-1.1	373.3	161.3				
347	2.9	351.9	161.3	46	-.8	373.3	161.3				
348	2.3	354.3	161.3	47	-.6	373.3	161.3				
349	2.2	356.5	161.3	48	-.8	373.3	161.3				
350	2.1	358.6	161.3	49	-1.1	373.3	161.3				
351	2.0	360.6	161.3	50	-1.0	373.3	161.3				
352	1.2	361.8	161.3	51	-.9	373.3	161.3				
353	.8	362.6	161.3	52	-.7	373.3	161.3				
354	.0	362.6	161.3	53	-.3	373.3	161.3				
355	.1	362.6	161.3	54	.0	373.3	161.3				
356	.2	362.8	161.3	55	.1	373.4	161.3				
357	.4	363.2	161.3	56	-.2	373.4	161.3				
358	.3	363.5	161.3	57	-.3	373.4	161.3				
359	.2	363.7	161.3	58	.0	373.4	161.3				
360	.5	364.2	161.3	59	.1	373.4	161.3				
361	.8	365.0	161.3	60	.2	373.6	161.3				
362	.4	365.4	161.3	61	.2	373.9	161.3				
363	.6	366.0	161.3	62	.0	373.9	161.3				
364	.9	366.9	161.3	63	.0	373.9	161.3				

STN 403 DEPTH 8M







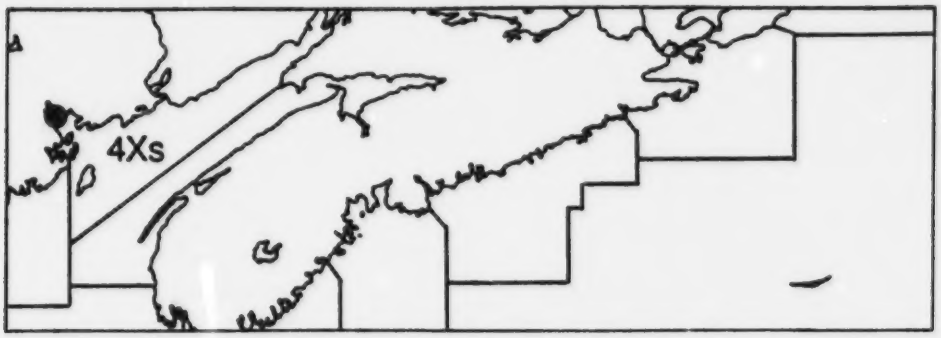
RANKIN IS NS (DFO HFX)
43.74N 65.86W 0000Z 26/10/88 - 0400Z 19/04/89
INST. 63317

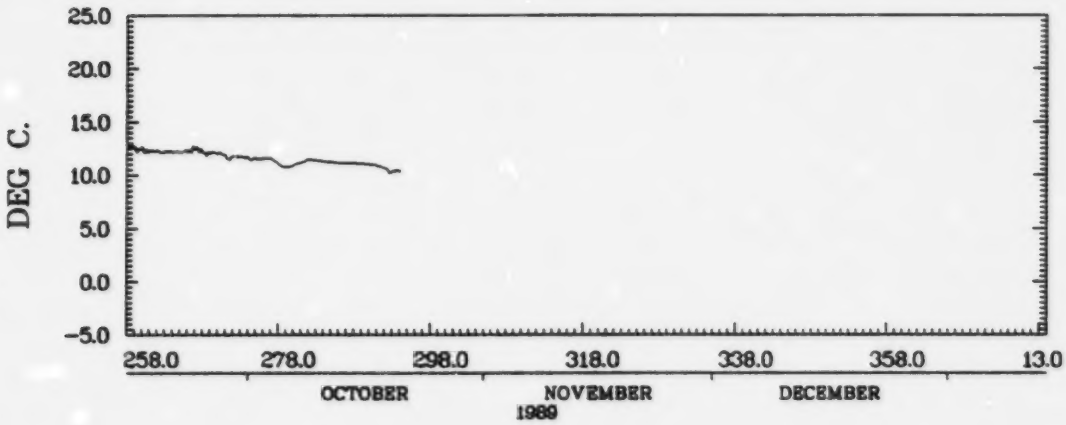
BRANDY COVE NB STA. 4XS 417

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
12.0M.	10.0M.	45.08	67.09	15/ 9/ 89	21/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
258	12.7	12.7	8.7								
259	12.4	25.2	17.2								
260	12.3	37.5	25.5								
261	12.3	49.8	33.8								
262	12.2	62.0	42.0								
263	12.2	74.2	50.2								
264	12.2	86.4	58.4								
265	12.2	98.6	66.6								
266	12.4	111.0	75.0								
267	12.4	123.5	83.5								
268	12.1	135.5	91.5								
269	12.1	147.6	99.6								
270	12.0	159.7	107.7								
271	11.6	171.3	115.3								
272	11.8	183.0	123.0								
273	11.7	194.7	130.7								
274	11.5	206.3	138.3								
275	11.5	217.8	145.8								
276	11.6	229.4	153.4								
277	11.4	240.8	160.8								
278	10.9	251.7	167.7								
279	10.8	262.5	174.5								
280	11.0	273.5	181.5								
281	11.3	284.8	188.8								
282	11.4	296.2	196.2								
283	11.3	307.6	203.6								
284	11.2	318.8	210.8								
285	11.2	330.0	218.0								
286	11.1	341.1	225.1								
287	11.1	352.2	232.2								
288	11.1	363.3	239.3								
289	11.0	374.3	246.3								
290	11.0	385.3	253.3								
291	10.8	396.1	260.1								
292	10.4	406.5	266.5								
293	10.4	416.9	272.9								
294	10.4	427.3	279.3								

STN 417 DEPTH 10M





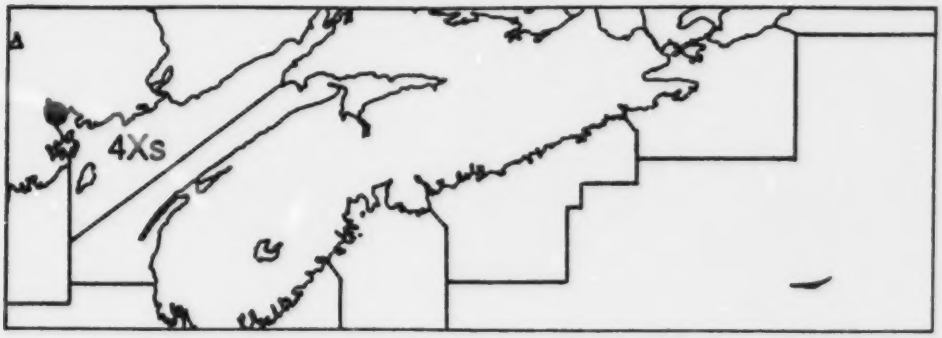
BRANDY COVE NB
45.08N 67.09W 0000Z 15/09/89 - 1400Z 21/10/89
INST. 63446

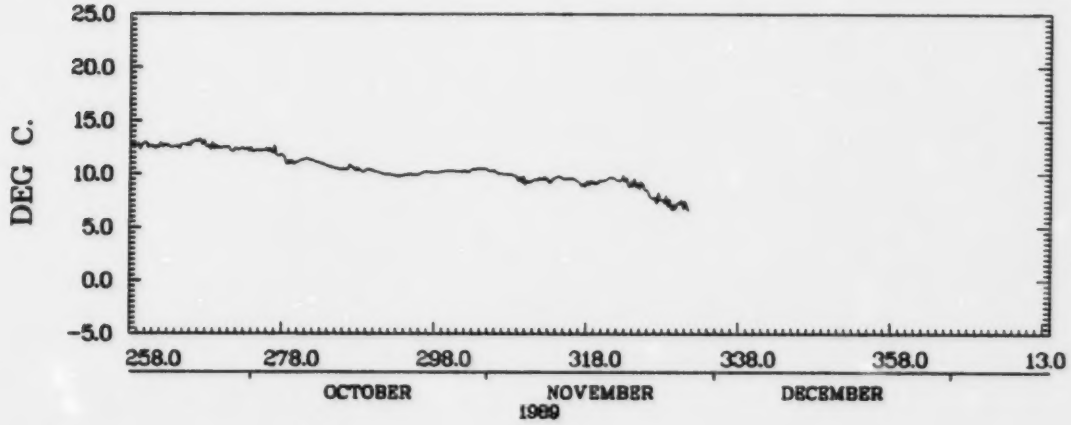
BRANDY COVE NB STA. 4XS 418

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
12.0M.	4.0M.	45.08	67.09	15/ 9/ 89	27/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
258	12.8	12.8	8.8	323	9.2	714.1	450.1				
259	12.7	25.5	17.5	324	9.0	723.1	455.1				
260	12.7	38.3	26.3	325	8.8	732.0	460.0				
261	12.5	50.8	34.8	326	7.9	739.9	463.9				
262	12.8	63.6	43.6	327	7.6	747.5	467.5				
263	12.6	76.1	52.1	328	7.4	754.9	470.9				
264	12.6	88.7	60.7	329	7.0	761.9	473.9				
265	12.8	101.5	69.5	330	7.2	769.1	477.1				
266	13.0	114.6	78.6	331	7.0	776.1	480.1				
267	13.1	127.6	87.6								
268	12.6	140.2	96.2								
269	12.5	152.8	104.8								
270	12.5	165.2	113.2								
271	12.3	177.5	121.5								
272	12.4	189.9	129.9								
273	12.3	202.2	138.2								
274	12.2	214.4	146.4								
275	12.2	226.6	154.6								
276	12.2	238.8	162.8								
277	11.9	250.7	170.7								
278	11.4	262.1	178.1								
279	11.1	273.2	185.2								
280	11.2	284.4	192.4								
281	11.4	295.8	199.8								
282	11.2	307.0	207.0								
283	10.9	317.9	213.9								
284	10.7	328.5	220.5								
285	10.5	339.0	227.0								
286	10.5	349.5	233.5								
287	10.6	360.1	240.1								
288	10.3	370.4	246.4								
289	10.4	380.8	252.8								
290	10.2	391.0	259.0								
291	10.0	401.0	265.0								
292	9.9	410.9	270.9								
293	9.8	420.7	276.7								
294	9.9	430.6	282.6								
295	9.9	440.6	288.6								
296	10.1	450.7	294.7								
297	10.2	460.8	300.8								
298	10.1	471.0	307.0								
299	10.3	481.2	313.2								
300	10.3	491.5	319.5								
301	10.2	501.7	325.7								
302	10.3	512.0	332.0								
303	10.4	522.4	338.4								
304	10.5	532.9	344.9								
305	10.3	543.2	351.2								
306	10.1	553.3	357.3								
307	10.0	563.3	363.3								
308	9.9	573.1	369.1								
309	9.5	582.6	374.6								
310	9.2	591.8	379.8								
311	9.5	601.3	385.3								
312	9.5	610.8	390.8								
313	9.4	620.2	396.2								
314	9.7	629.9	401.9								
315	9.5	639.5	407.5								
316	9.5	648.9	412.9								
317	9.0	657.9	417.9								
318	9.2	667.1	423.1								
319	9.2	676.4	428.4								
320	9.4	685.8	433.8								
321	9.6	695.4	439.4								
322	9.5	704.9	444.9								

STN 418 DEPTH 4M





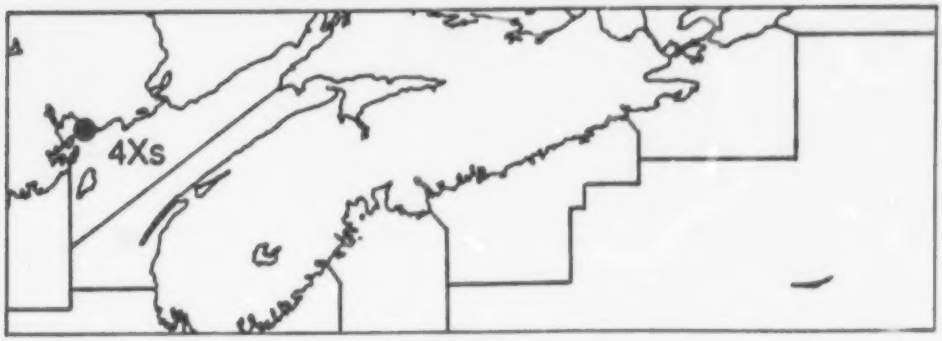
BRANDY COVE NB
45.08N 67.09W 0000Z 15/09/89 - 1200Z 27/11/89
INST. 63299

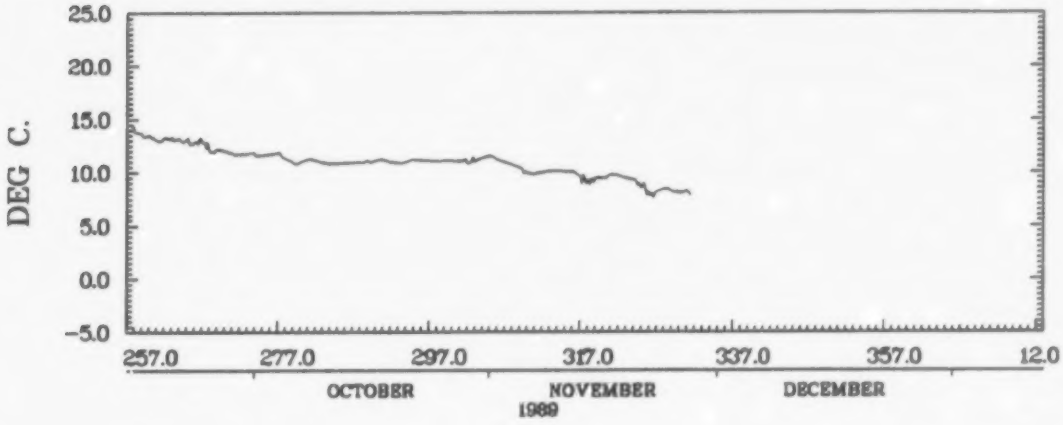
DEADMAN HARBOUR NB STA. 4XS 419

WATER DEPTH 14.0M.	INST DEPTH 4.0M.	LATITUDE 45.04	LONGITUDE 66.78	FROM 14/ 9/ 89	TO 27/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
257	14.4	14.4	10.4	322	9.6	743.2	479.2				
258	13.8	28.2	20.2	323	9.4	752.6	484.6				
259	13.4	41.6	29.6	324	9.1	761.6	489.6				
260	13.3	54.9	38.9	325	8.4	770.1	494.1				
261	13.0	67.9	47.9	326	7.9	778.0	498.0				
262	13.2	81.1	57.1	327	8.3	786.2	502.2				
263	13.1	94.3	66.3	328	8.4	794.6	506.6				
264	13.0	107.3	75.3	329	8.1	802.8	510.8				
265	12.9	120.2	84.2	330	8.1	810.9	514.9				
266	13.0	133.1	93.1	331	8.0	818.9	518.9				
267	12.7	145.8	101.8								
268	12.0	157.8	109.8								
269	12.1	170.0	118.0								
270	11.9	181.9	125.9								
271	11.7	193.7	133.7								
272	11.7	205.4	141.4								
273	11.8	217.2	149.2								
274	11.6	228.8	156.8								
275	11.7	240.5	164.5								
276	11.8	252.2	172.2								
277	11.7	263.9	179.9								
278	11.2	275.1	187.1								
279	10.9	286.0	194.0								
280	11.1	297.0	201.0								
281	11.2	308.3	208.3								
282	11.1	319.3	215.3								
283	10.9	330.2	222.2								
284	10.8	341.0	229.0								
285	10.9	351.9	235.9								
286	10.9	362.8	242.8								
287	10.9	373.8	249.8								
288	11.0	384.7	256.7								
289	11.0	395.8	263.8								
290	11.2	406.9	270.9								
291	11.1	418.0	278.0								
292	10.9	429.0	285.0								
293	10.9	439.8	291.8								
294	11.1	450.9	298.9								
295	11.2	462.1	306.1								
296	11.1	473.2	313.2								
297	11.1	484.3	320.3								
298	11.1	495.4	327.4								
299	11.1	506.4	334.4								
300	11.1	517.5	341.5								
301	11.1	528.6	348.6								
302	11.0	539.6	355.6								
303	11.1	550.7	362.7								
304	11.4	562.2	370.2								
305	11.4	573.6	377.6								
306	11.1	584.7	384.7								
307	10.8	595.6	391.6								
308	10.6	606.1	398.1								
309	10.2	616.3	404.3								
310	9.9	626.2	410.2								
311	9.9	636.1	416.1								
312	10.0	646.2	422.2								
313	10.1	656.3	428.3								
314	10.1	666.4	434.4								
315	10.1	676.4	440.4								
316	9.9	686.4	446.4								
317	9.4	695.7	451.7								
318	9.2	704.9	456.9								
319	9.5	714.4	462.4								
320	9.5	723.9	467.9								
321	9.7	733.6	473.6								

STN 419 DEPTH 4M





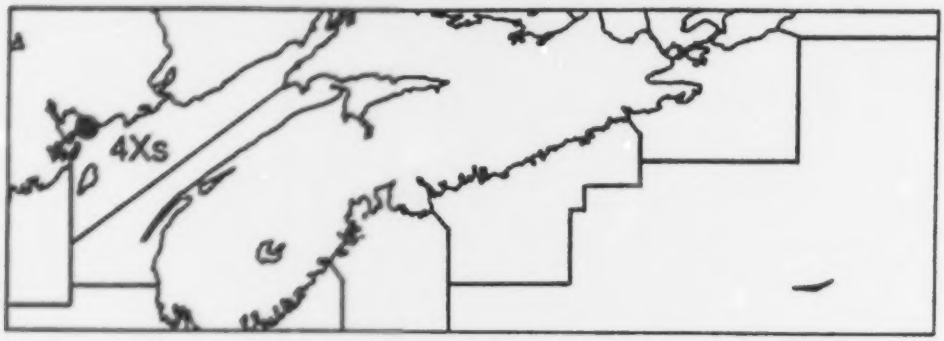
DEADMAN HARBOUR NB
45.04N 66.78W 2000Z 14/09/89 - 1400Z 27/11/89
INST. 62507

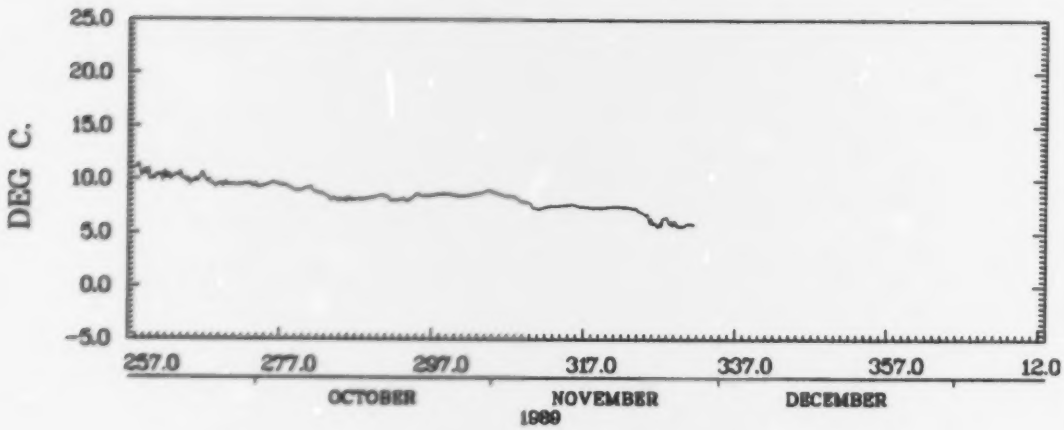
DEADMAN HARBOUR NB STA. 4X5 420

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
14.0M.	12.0M.	45.04	66.78	14/ 9/ 89	27/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
257	11.0	11.0	7.0	322	7.4	576.8	312.8				
258	11.0	22.0	14.0	323	7.3	584.1	316.1				
259	10.6	32.6	20.6	324	7.0	591.1	319.1				
260	10.2	42.8	26.8	325	6.5	597.5	321.5				
261	10.4	53.2	33.2	326	5.8	603.3	323.3				
262	10.2	63.3	39.3	327	6.2	609.6	325.6				
263	10.5	73.8	45.8	328	6.0	615.6	327.6				
264	10.0	83.8	51.8	329	5.7	621.3	329.3				
265	9.9	93.7	57.7	330	5.8	627.1	331.1				
266	10.2	103.9	63.9	331	5.8	632.9	332.9				
267	9.9	113.8	69.8								
268	9.5	123.3	75.3								
269	9.6	132.9	80.9								
270	9.5	142.4	86.4								
271	9.5	151.9	91.9								
272	9.6	161.5	97.5								
273	9.5	171.0	103.0								
274	9.3	180.3	108.3								
275	9.5	189.8	113.8								
276	9.7	199.5	119.5								
277	9.5	208.9	124.9								
278	9.2	218.1	130.1								
279	9.0	227.1	135.1								
280	9.1	236.2	140.2								
281	9.0	245.2	145.2								
282	8.7	253.9	149.9								
283	8.3	262.2	154.2								
284	8.1	270.4	158.4								
285	8.1	278.5	162.5								
286	8.2	286.6	166.6								
287	8.1	294.7	170.7								
288	8.2	302.9	174.9								
289	8.3	311.3	179.3								
290	8.5	319.8	183.8								
291	8.2	327.9	187.9								
292	8.0	336.0	192.0								
293	8.1	344.1	196.1								
294	8.3	352.4	200.4								
295	8.6	360.9	204.9								
296	8.5	369.4	209.4								
297	8.6	377.9	213.9								
298	8.6	386.5	218.5								
299	8.6	395.1	223.1								
300	8.4	403.6	227.6								
301	8.5	412.0	232.0								
302	8.6	420.6	236.6								
303	8.7	429.3	241.3								
304	8.9	438.2	246.2								
305	8.7	447.0	251.0								
306	8.5	455.5	255.5								
307	8.4	463.9	259.9								
308	8.1	472.0	264.0								
309	7.9	479.8	267.8								
310	7.4	487.2	271.2								
311	7.3	494.6	274.6								
312	7.5	502.0	278.0								
313	7.5	509.6	281.6								
314	7.6	517.2	285.2								
315	7.7	524.8	288.8								
316	7.5	532.3	292.3								
317	7.4	539.7	295.7								
318	7.4	547.1	299.1								
319	7.4	554.5	302.5								
320	7.5	561.9	305.9								
321	7.5	569.4	309.4								

STN 420 DEPTH 12M





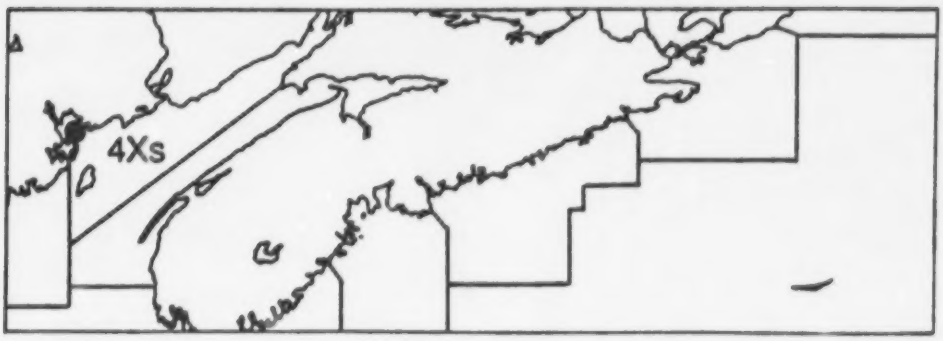
DEADMAN HARBOUR NB
45.04N 66.78W 2000Z 14/09/89 - 1400Z 27/11/89
INST. 62903

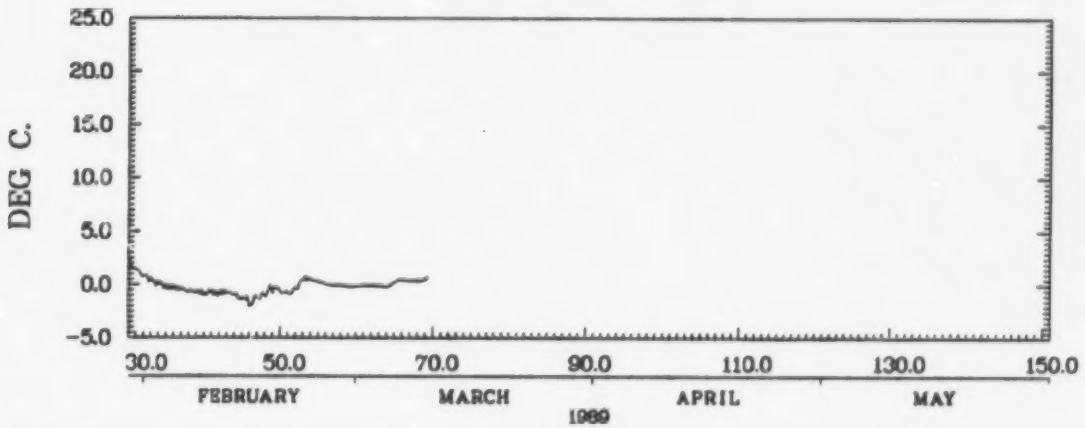
PENDLETON PASSAGE NB (UNB) STA. 4XS 410

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
4.0M.	2.0M.	45.03	66.95	30/ 1/ 89	10/ 3/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
30	1.8	1.8	.0								
31	1.2	3.0	.0								
32	.6	3.6	.0								
33	.2	3.9	.0								
34	.0	3.9	.0								
35	-.3	3.9	.0								
36	-.3	3.9	.0								
37	-.5	3.9	.0								
38	-.7	3.9	.0								
39	-.7	3.9	.0								
40	-.8	3.9	.0								
41	-.8	3.9	.0								
42	-.8	3.9	.0								
43	-.8	3.9	.0								
44	-1.1	3.9	.0								
45	-1.3	3.9	.0								
46	-1.7	3.9	.0								
47	-1.1	3.9	.0								
48	-.6	3.9	.0								
49	-.4	3.9	.0								
50	-.7	3.9	.0								
51	-.7	3.9	.0								
52	-.1	3.9	.0								
53	.6	4.4	.0								
54	.4	4.8	.0								
55	.2	5.0	.0								
56	.0	5.0	.0								
57	.0	5.0	.0								
58	-.1	5.0	.0								
59	-.2	5.0	.0								
60	-.1	5.0	.0								
61	-.1	5.0	.0								
62	-.1	5.0	.0								
63	-.1	5.0	.0								
64	-.1	5.0	.0								
65	.4	5.4	.0								
66	.4	5.8	.0								
67	.4	6.2	.0								
68	.4	6.6	.0								
69	.6	7.2	.0								

STN 410 DEPTH 2M





PENDLETON PASSAGE NB (UNB)
45.03N 66.95W 0400Z 30/01/89 - 0800Z 10/03/89
INST. 63303

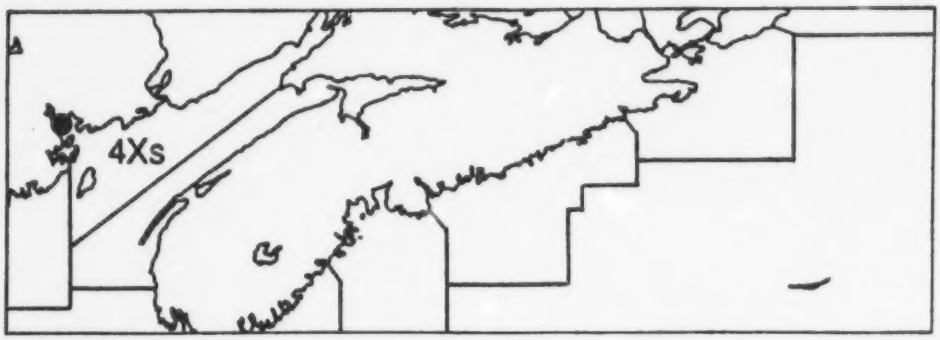
ST ANDREWS NB

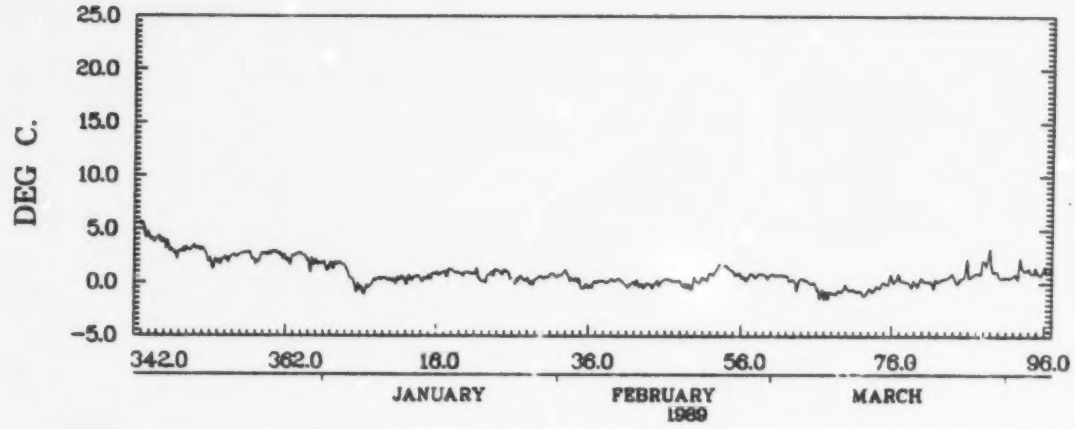
STA. 4X5 409

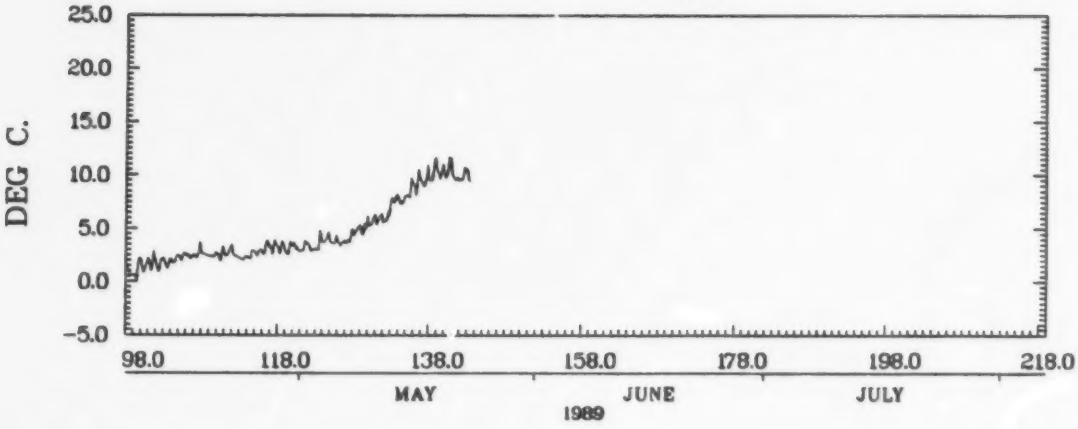
WATER DEPTH 8.0M. | INST DEPTH .0M. | LATITUDE 45.08 | LONGITUDE 67.03 | FROM 7/12/ 88 TO 23/ 5/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
342	5.7	5.7	1.7	41	-.2	94.5	2.7	106	2.4	137.3	2.7
343	4.9	10.6	2.6	42	-.1	94.5	2.7	107	2.7	140.0	2.7
344	4.0	14.6	2.6	43	-.2	94.5	2.7	108	2.6	142.6	2.7
345	4.0	18.7	2.7	44	-.2	94.5	2.7	109	2.4	145.0	2.7
346	3.4	22.0	2.7	45	.1	94.6	2.7	110	2.6	147.6	2.7
347	2.7	24.8	2.7	46	.3	94.9	2.7	111	2.7	150.3	2.7
348	3.0	27.8	2.7	47	.2	95.1	2.7	112	2.6	152.9	2.7
349	3.2	31.0	2.7	48	-.2	95.1	2.7	113	2.2	155.1	2.7
350	3.2	34.2	2.7	49	-.2	95.1	2.7	114	2.5	157.6	2.7
351	2.6	36.8	2.7	50	.2	95.3	2.7	115	2.8	160.4	2.7
352	1.9	38.7	2.7	51	.5	95.8	2.7	116	3.1	163.5	2.7
353	2.1	40.8	2.7	52	.9	96.7	2.7	117	3.3	166.8	2.7
354	2.3	43.0	2.7	53	1.6	98.3	2.7	118	3.3	170.1	2.7
355	2.5	45.6	2.7	54	1.4	99.7	2.7	119	3.0	173.1	2.7
356	2.7	48.3	2.7	55	.9	100.6	2.7	120	3.3	176.4	2.7
357	2.5	50.8	2.7	56	.4	101.0	2.7	121	3.2	179.6	2.7
358	2.2	53.0	2.7	57	.7	101.7	2.7	122	3.2	182.8	2.7
359	2.7	55.7	2.7	58	.8	102.5	2.7	123	3.6	186.4	2.7
360	2.9	58.6	2.7	59	.7	103.2	2.7	124	4.1	190.4	2.7
361	2.6	61.2	2.7	60	.8	104.0	2.7	125	3.8	194.2	2.7
362	2.1	63.2	2.7	61	.7	104.7	2.7	126	3.7	197.9	2.7
363	2.6	65.8	2.7	62	.4	105.1	2.7	127	4.0	201.9	2.7
364	2.5	68.4	2.7	63	.0	105.1	2.7	128	4.9	206.8	3.6
365	1.7	70.1	2.7	64	.3	105.4	2.7	129	5.0	211.8	4.6
366	1.9	72.0	2.7	65	.0	105.4	2.7	130	5.8	217.5	6.4
1	1.5	73.5	2.7	66	-.9	105.4	2.7	131	6.0	223.5	8.4
2	1.8	75.2	2.7	67	-1.1	105.4	2.7	132	6.0	229.5	10.4
3	1.8	77.0	2.7	68	-.9	105.4	2.7	133	7.8	237.3	14.2
4	.8	77.8	2.7	69	-.6	105.4	2.7	134	7.6	244.9	17.8
5	-.3	77.8	2.7	70	-.6	105.4	2.7	135	8.5	253.4	22.3
6	-.6	77.8	2.7	71	-.7	105.4	2.7	136	9.3	262.7	27.6
7	-.1	77.8	2.7	72	-1.0	105.4	2.7	137	9.6	272.3	33.2
8	.3	78.2	2.7	73	-.6	105.4	2.7	138	10.2	282.5	39.4
9	.4	78.6	2.7	74	-.2	105.4	2.7	139	10.3	292.8	45.7
10	.2	78.8	2.7	75	.1	105.5	2.7	140	10.6	303.4	52.3
11	.5	79.3	2.7	76	.4	105.9	2.7	141	9.8	313.2	58.0
12	.2	79.5	2.7	77	.2	106.1	2.7	142	10.0	323.1	64.0
13	.6	80.1	2.7	78	-.1	106.1	2.7	143	9.9	333.1	69.9
14	.3	80.4	2.7	79	.0	106.1	2.7				
15	.7	81.1	2.7	80	.2	106.3	2.7				
16	.9	82.0	2.7	81	.0	106.3	2.7				
17	1.0	83.0	2.7	82	.3	106.6	2.7				
18	1.0	84.0	2.7	83	.6	107.2	2.7				
19	.9	84.9	2.7	84	.3	107.5	2.7				
20	.9	85.8	2.7	85	1.0	108.4	2.7				
21	.7	86.5	2.7	86	.7	109.1	2.7				
22	.3	86.9	2.7	87	1.1	110.2	2.7				
23	1.0	87.8	2.7	88	2.3	112.5	2.7				
24	1.0	88.9	2.7	89	1.2	113.7	2.7				
25	.8	89.7	2.7	90	.5	114.2	2.7				
26	.2	89.9	2.7	91	.6	114.7	2.7				
27	.4	90.3	2.7	92	1.1	115.9	2.7				
28	.1	90.4	2.7	93	1.3	117.1	2.7				
29	.5	90.9	2.7	94	1.1	118.2	2.7				
30	.5	91.5	2.7	95	.9	119.1	2.7				
31	.7	92.2	2.7	96	1.2	120.3	2.7				
32	.8	93.0	2.7	97	1.4	121.8	2.7				
33	.6	93.6	2.7	98	1.0	122.8	2.7				
34	.3	93.9	2.7	99	.9	123.7	2.7				
35	-.4	93.9	2.7	100	1.4	125.2	2.7				
36	-.2	93.9	2.7	101	1.9	127.1	2.7				
37	.1	94.0	2.7	102	1.6	128.7	2.7				
38	.1	94.1	2.7	103	1.8	130.5	2.7				
39	.3	94.4	2.7	104	2.1	132.5	2.7				
40	.1	94.5	2.7	105	2.4	134.9	2.7				

STN 409 DEPTH 0M







ST ANDREWS NB
45.08N 67.03W 2000Z 07/12/88 - 0800Z 23/05/89
INST. 62491

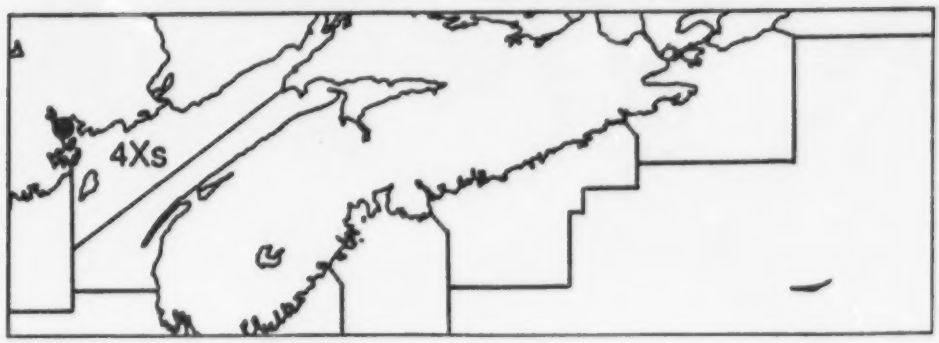
ST ANDREWS NB

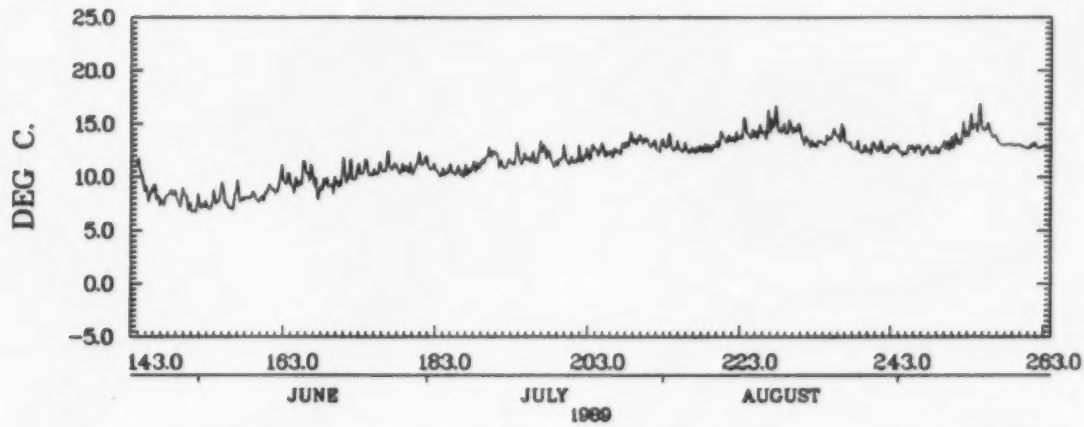
STA. 4XS 424

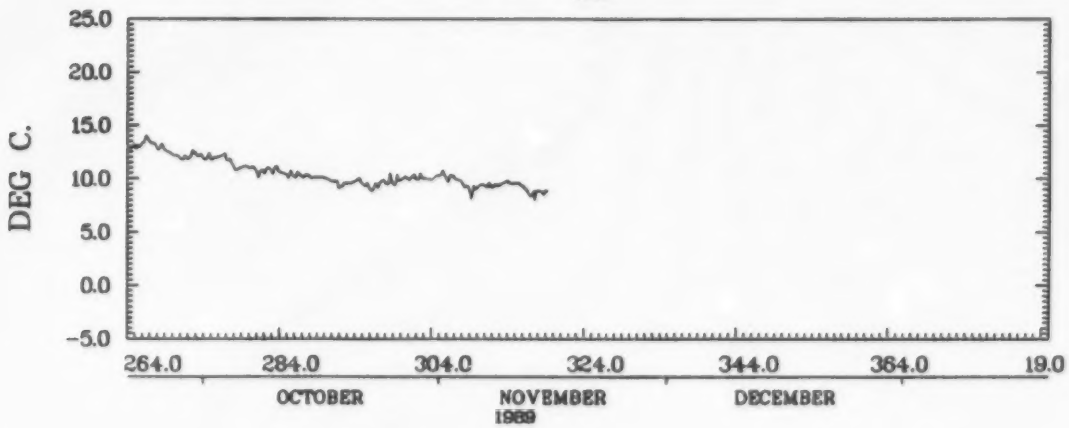
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
8.0M.	.0M.	45.08	67.03	23/ 5/ 89	15/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
143	11.1	11.1	7.1	208	13.4	678.8	414.8	273	12.2	1541.7	1017.7
144	10.2	21.4	13.4	209	13.5	692.2	424.2	274	12.0	1553.7	1025.7
145	8.5	29.8	17.8	210	13.5	705.7	433.7	275	11.9	1565.6	1033.6
146	8.3	38.2	22.2	211	13.1	718.8	442.8	276	12.2	1577.8	1041.8
147	7.9	46.1	26.1	212	12.8	731.6	451.6	277	11.6	1589.4	1049.4
148	8.6	54.6	30.6	213	13.3	744.9	460.9	278	10.9	1600.3	1056.3
149	8.0	62.6	34.6	214	12.8	757.8	469.8	279	11.1	1611.4	1063.4
150	7.8	70.4	38.4	215	12.7	770.5	478.5	280	11.0	1622.4	1070.4
151	7.2	77.6	41.6	216	12.6	783.0	487.0	281	10.6	1633.0	1077.0
152	7.4	85.0	45.0	217	12.6	795.6	495.6	282	10.8	1643.8	1083.8
153	7.5	92.5	48.5	218	12.7	808.3	504.3	283	10.8	1654.7	1090.7
154	8.1	100.5	52.5	219	12.8	821.1	513.1	284	10.5	1665.2	1097.2
155	8.0	108.5	56.5	220	13.6	834.7	522.7	285	10.4	1675.6	1103.6
156	7.6	116.2	60.2	221	13.6	848.3	532.3	286	10.4	1685.9	1109.9
157	8.3	124.5	64.5	222	13.7	862.0	542.0	287	10.3	1696.2	1116.2
158	8.1	132.6	68.6	223	14.4	876.4	552.4	288	10.1	1706.3	1122.3
159	8.1	140.7	72.7	224	14.0	890.4	562.4	289	10.1	1716.5	1128.5
160	8.2	148.9	76.9	225	14.3	904.6	572.6	290	10.0	1726.4	1134.4
161	9.0	157.9	81.9	226	14.6	919.2	583.2	291	9.6	1736.1	1140.1
162	9.4	167.3	87.3	227	15.3	934.5	594.5	292	9.4	1745.5	1145.5
163	9.8	177.0	93.0	228	14.5	949.0	605.0	293	9.6	1755.1	1151.1
164	9.3	186.3	98.3	229	14.6	963.6	615.6	294	9.8	1764.9	1156.9
165	10.1	196.4	104.4	230	14.6	978.2	626.2	295	9.4	1774.3	1162.3
166	10.5	206.8	110.8	231	13.7	991.8	635.8	296	9.2	1783.5	1167.5
167	9.0	215.8	115.8	232	13.1	1005.0	645.0	297	9.7	1793.2	1173.2
168	9.4	225.2	121.2	233	13.2	1018.2	654.2	298	9.8	1803.0	1179.0
169	9.2	234.4	126.4	234	13.4	1031.6	663.6	299	9.8	1812.8	1184.8
170	9.6	244.1	132.1	235	14.0	1045.7	673.7	300	10.1	1822.8	1190.8
171	10.5	254.5	138.5	236	14.1	1059.8	683.8	301	10.1	1833.0	1197.0
172	10.3	264.9	144.9	237	13.2	1073.0	693.0	302	10.1	1843.1	1203.1
173	10.8	275.7	151.7	238	12.8	1085.7	701.7	303	10.0	1853.1	1209.1
174	10.5	286.2	158.2	239	12.6	1098.3	710.3	304	10.1	1863.2	1215.2
175	10.8	296.9	164.9	240	12.8	1111.1	719.1	305	10.4	1873.6	1221.6
176	11.2	308.1	172.1	241	12.9	1124.0	728.0	306	10.1	1883.7	1227.7
177	11.0	319.1	179.1	242	12.5	1136.4	736.4	307	9.9	1893.6	1233.6
178	10.7	329.7	185.7	243	12.9	1149.3	745.3	308	9.3	1902.9	1238.9
179	10.8	340.6	192.6	244	12.3	1161.6	753.6	309	8.9	1911.8	1243.8
180	11.1	351.7	199.7	245	12.6	1174.3	762.3	310	9.4	1921.2	1249.2
181	11.5	363.1	207.1	246	12.8	1187.0	771.0	311	9.4	1930.6	1254.6
182	11.0	374.1	214.1	247	12.5	1199.5	779.5	312	9.4	1940.0	1260.0
183	10.4	384.5	220.5	248	12.4	1212.0	788.0	313	9.6	1949.6	1265.6
184	10.5	395.0	227.0	249	12.7	1224.6	796.6	314	9.6	1959.2	1271.2
185	10.6	405.6	233.6	250	13.1	1237.7	805.7	315	9.5	1968.7	1276.7
186	10.5	416.1	240.1	251	13.5	1251.3	815.3	316	8.9	1977.7	1281.7
187	10.7	426.8	246.8	252	14.0	1265.2	825.2	317	8.6	1986.3	1286.3
188	11.0	437.7	253.7	253	14.8	1280.0	836.0	318	8.8	1995.0	1291.0
189	11.6	449.4	261.4	254	15.4	1295.4	847.4	319	8.9	2003.9	1295.9
190	12.4	461.7	269.7	255	14.6	1310.0	858.0				
191	11.5	473.3	277.3	256	13.9	1324.0	868.0				
192	11.2	484.5	284.5	257	13.1	1337.1	877.1				
193	11.9	496.4	292.4	258	13.1	1350.2	886.2				
194	11.8	508.2	300.2	259	13.0	1363.2	895.2				
195	11.8	520.0	308.0	260	12.9	1376.1	904.1				
196	12.1	532.1	316.1	261	13.0	1389.1	913.1				
197	12.4	544.5	324.5	262	12.8	1401.9	921.9				
198	11.5	556.0	332.0	263	12.9	1414.8	930.8				
199	11.8	567.8	339.8	264	12.9	1427.7	939.7				
200	11.7	579.4	347.4	265	13.0	1440.7	948.7				
201	11.7	591.2	355.2	266	13.7	1454.4	958.4				
202	12.0	603.1	363.1	267	13.3	1467.7	967.7				
203	12.3	615.5	371.5	268	12.9	1480.6	976.6				
204	12.6	628.0	380.0	269	12.5	1493.1	985.1				
205	12.3	640.3	388.3	270	12.1	1505.3	993.3				
206	12.4	652.7	396.7	271	12.0	1517.2	1001.2				
207	12.7	665.4	405.4	272	12.3	1529.5	1009.5				

STN 424 DEPTH 0M







ST ANDREWS NB
45.08N 67.03W 1600Z 23/05/89 - 0400Z 15/11/89
INST. 63280

GULF OF ST LAWRENCE

Daily Mean Temperatures, Accumulative Degree Days relative to 0° and 4°C and Temperature Plots

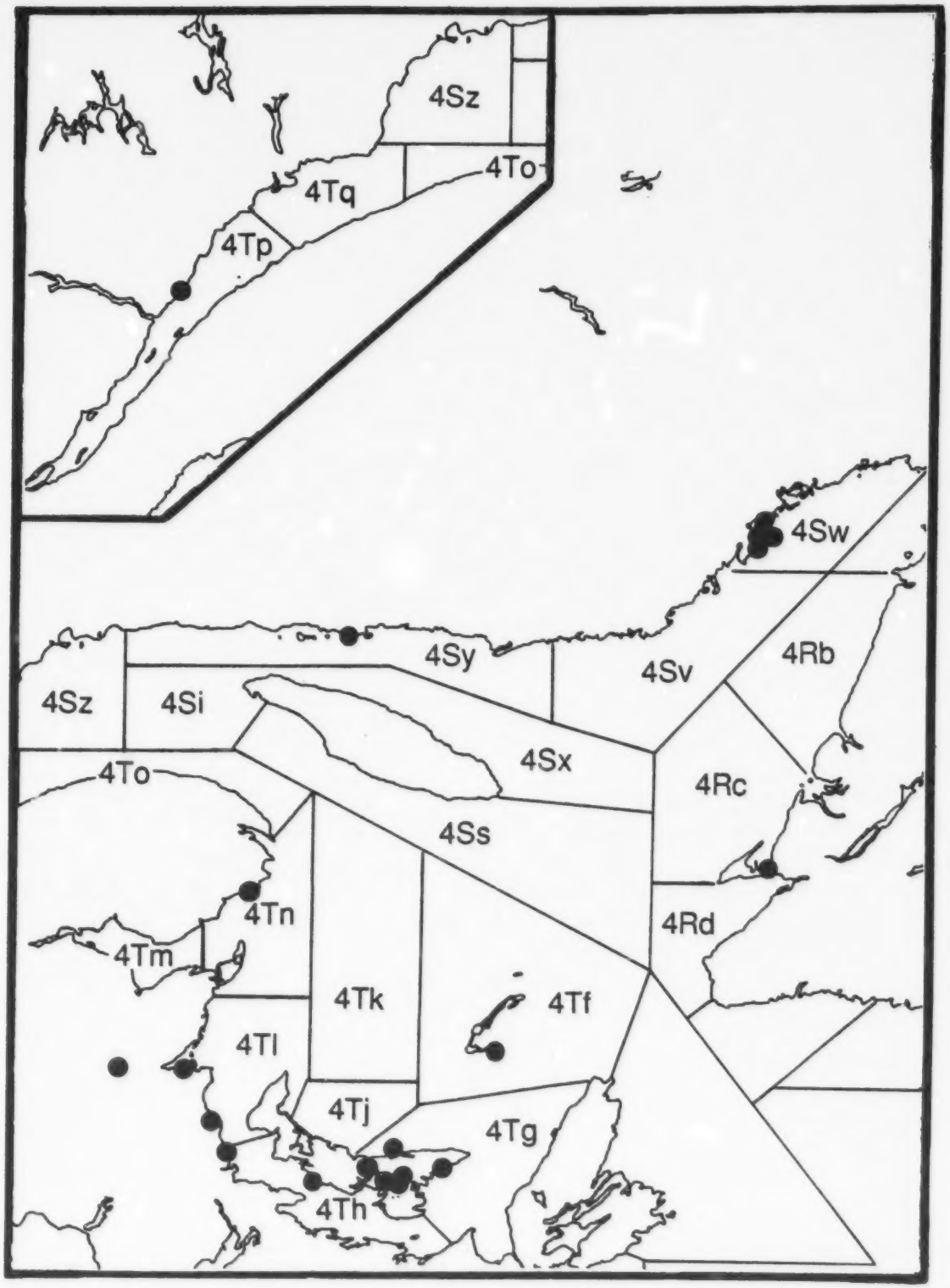


Figure 3. Mooring sites of Gulf of St. Lawrence Unit Areas

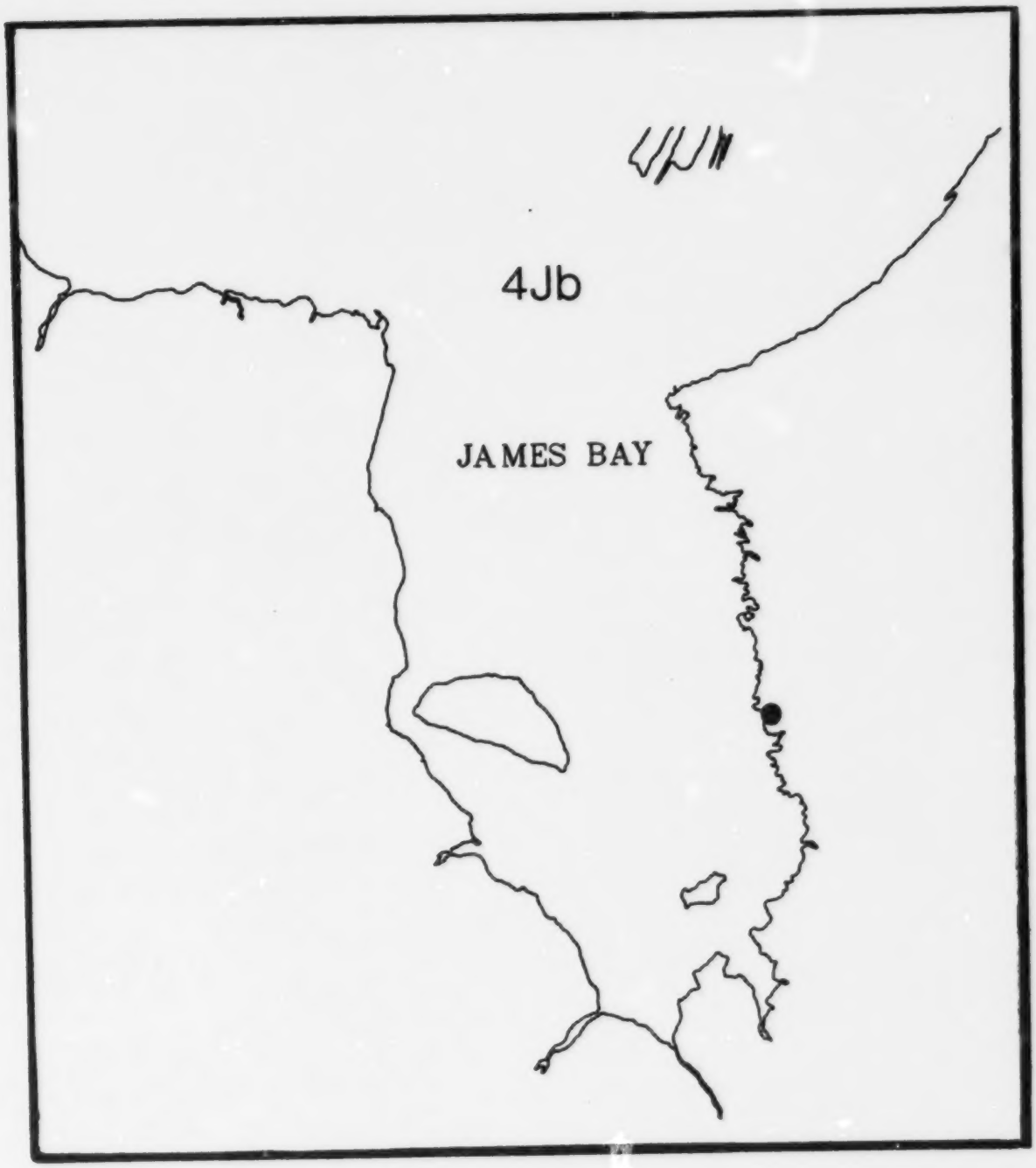


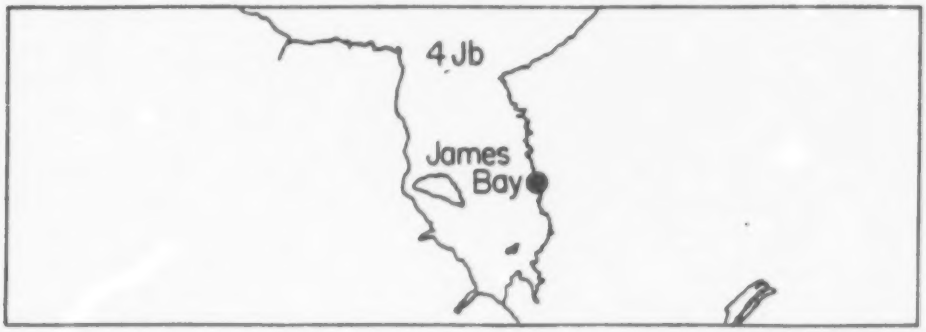
Figure 4. Mooring sites of James Bay Unit Areas

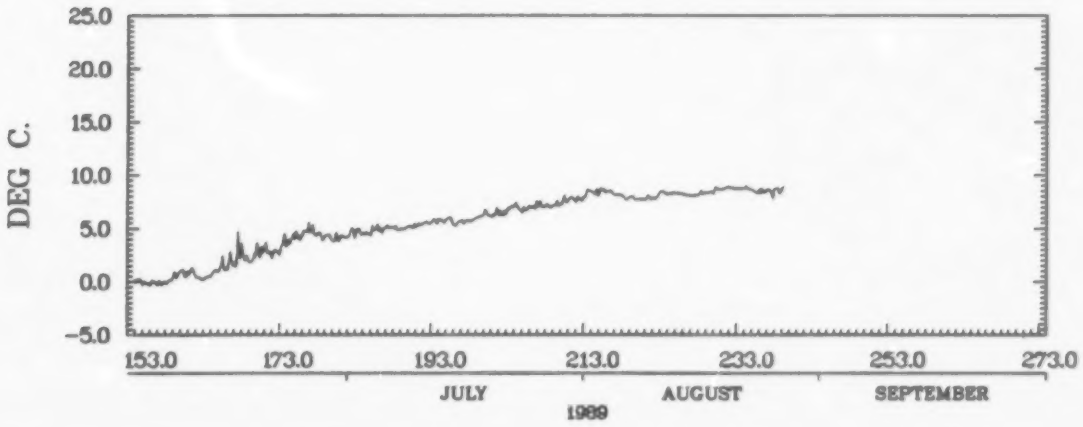
JAMES BAY (WEMINDJI) STA. 4JB 128

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
3.0M.	3.0M.	52.91	79.00	2/ 6/ 89	27/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
153	.1	.1	.0	218	7.8	297.5	90.8				
154	.2	.3	.0	219	7.9	305.3	94.6				
155	-.1	.3	.0	220	7.8	313.1	98.4				
156	-.1	.3	.0	221	7.9	320.9	102.2				
157	-.1	.3	.0	222	7.9	328.9	106.2				
158	.1	.3	.0	223	8.4	337.3	110.6				
159	.7	1.0	.0	224	8.3	345.5	114.9				
160	.9	1.9	.0	225	8.3	353.8	119.1				
161	.9	2.8	.0	226	8.1	362.0	123.3				
162	.3	3.1	.0	227	8.1	370.0	127.3				
163	.4	3.5	.0	228	8.3	378.4	131.7				
164	.9	4.4	.0	229	8.4	386.8	136.1				
165	1.5	5.9	.0	230	8.7	395.4	140.7				
166	1.8	7.7	.0	231	8.8	404.2	145.5				
167	2.4	10.1	.0	232	8.8	413.0	150.3				
168	2.4	12.5	.0	233	8.7	421.7	155.0				
169	2.1	14.6	.0	234	8.8	430.5	159.8				
170	2.9	17.6	.0	235	8.5	438.9	164.3				
171	3.0	20.5	.0	236	8.5	447.5	168.8				
172	2.7	23.3	.0	237	8.4	455.9	173.2				
173	3.5	26.8	.0	238	8.6	464.5	177.8				
174	3.9	30.7	.0	239	8.8	473.3	182.6				
175	4.2	35.0	.2								
176	4.8	39.7	1.0								
177	4.6	44.4	1.6								
178	4.3	48.7	1.9								
179	4.3	53.0	2.2								
180	4.0	56.9	2.2								
181	4.2	61.1	2.4								
182	4.5	65.7	3.0								
183	4.7	70.3	3.6								
184	4.5	74.9	4.2								
185	4.9	79.8	5.1								
186	4.9	84.7	6.0								
187	5.2	89.8	7.2								
188	5.0	94.8	8.1								
189	5.0	99.9	9.2								
190	5.2	105.1	10.4								
191	5.3	110.4	11.7								
192	5.5	115.9	13.2								
193	5.7	121.6	14.9								
194	5.7	127.3	16.6								
195	5.9	133.2	18.5								
196	5.4	138.7	20.0								
197	5.7	144.3	21.7								
198	5.8	150.1	23.4								
199	6.1	156.2	25.5								
200	6.4	162.6	27.9								
201	6.4	169.0	30.3								
202	6.4	175.4	32.7								
203	6.9	182.3	35.6								
204	7.0	189.3	38.6								
205	6.8	196.1	41.4								
206	7.1	203.2	44.5								
207	7.2	210.4	47.7								
208	7.1	217.5	50.8								
209	7.2	224.7	54.0								
210	7.6	232.3	57.6								
211	7.8	240.1	61.4								
212	7.7	247.8	65.1								
213	8.3	256.2	69.5								
214	8.3	264.5	73.8								
215	8.6	273.1	78.4								
216	8.4	281.5	82.8								
217	8.1	289.6	86.9								

STN 128 DEPTH 3M





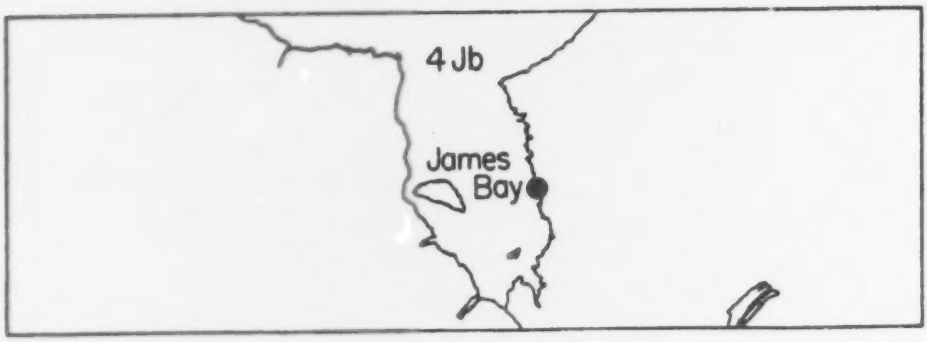
JAMES BAY PQ (WEMINDJI)
52.91N 79.00W 2100Z 02/06/89 - 0500Z 27/08/89
INST. 61682

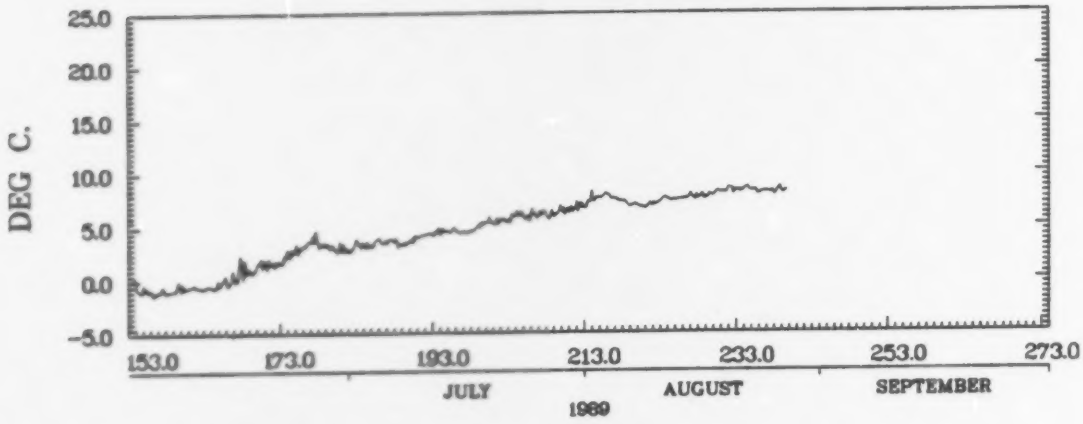
JAMES BAY PQ (WEMINDJI) STA. 4JB 129

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
8.0M.	8.0M.	52.91	79.00	2/ 6/ 89	27/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
153	.3	.3	.0	218	7.2	230.0	51.9				
154	-.8	.3	.0	219	6.9	236.9	54.9				
155	-.8	.3	.0	220	6.8	243.8	57.7				
156	-1.1	.3	.0	221	6.9	250.7	60.6				
157	-.9	.3	.0	222	7.1	257.7	63.6				
158	-1.0	.3	.0	223	7.5	265.2	67.2				
159	-.6	.3	.0	224	7.4	272.6	70.6				
160	-.7	.3	.0	225	7.4	280.1	74.0				
161	-.5	.3	.0	226	7.6	287.6	77.6				
162	-.6	.3	.0	227	7.7	295.4	81.3				
163	-.6	.3	.0	228	7.7	303.0	85.0				
164	-.5	.3	.0	229	7.8	310.8	88.7				
165	-.1	.3	.0	230	8.0	318.8	92.8				
166	.0	.3	.0	231	8.1	327.0	96.9				
167	.6	.9	.0	232	8.4	335.3	101.3				
168	1.1	2.0	.0	233	8.3	343.6	105.5				
169	.9	2.9	.0	234	8.5	352.1	110.0				
170	1.5	4.4	.0	235	8.2	360.3	114.2				
171	1.6	6.0	.0	236	8.1	368.4	118.3				
172	1.6	7.7	.0	237	8.2	376.5	122.5				
173	2.0	9.6	.0	238	8.2	384.7	126.7				
174	2.6	12.2	.0	239	8.2	392.9	130.8				
175	3.0	15.2	.0								
176	3.4	18.6	.0								
177	3.8	22.4	.0								
178	3.4	25.8	.0								
179	3.2	29.0	.0								
180	3.0	32.0	.0								
181	2.9	34.9	.0								
182	2.9	37.8	.0								
183	3.5	41.3	.0								
184	3.3	44.5	.0								
185	3.5	48.0	.0								
186	3.7	51.7	.0								
187	3.7	55.4	.0								
188	3.5	58.8	.0								
189	3.4	62.3	.0								
190	3.8	66.1	.0								
191	4.1	70.2	.1								
192	4.3	74.5	.4								
193	4.4	78.9	.9								
194	4.5	83.5	1.4								
195	4.6	88.1	2.0								
196	4.5	92.6	2.5								
197	4.4	97.0	3.0								
198	4.7	101.7	3.6								
199	5.2	106.9	4.8								
200	5.4	112.3	6.2								
201	5.4	117.7	7.6								
202	5.5	123.2	9.1								
203	5.7	128.9	10.9								
204	6.1	135.1	13.0								
205	5.8	140.8	14.8								
206	6.1	147.0	16.9								
207	6.2	153.2	19.1								
208	6.0	159.2	21.1								
209	6.2	165.4	23.4								
210	6.4	171.8	25.8								
211	6.5	178.3	28.3								
212	6.9	185.2	31.2								
213	7.0	192.2	34.2								
214	7.6	199.9	37.8								
215	7.8	207.7	41.6								
216	7.7	215.4	45.3								
217	7.4	222.8	48.8								

STN 129 DEPTH 8M





JAMES BAY PQ (WEMINDJI)
52.91N 79.00W 2100Z 02/06/89 - 1700Z 27/08/89
INST. 61048

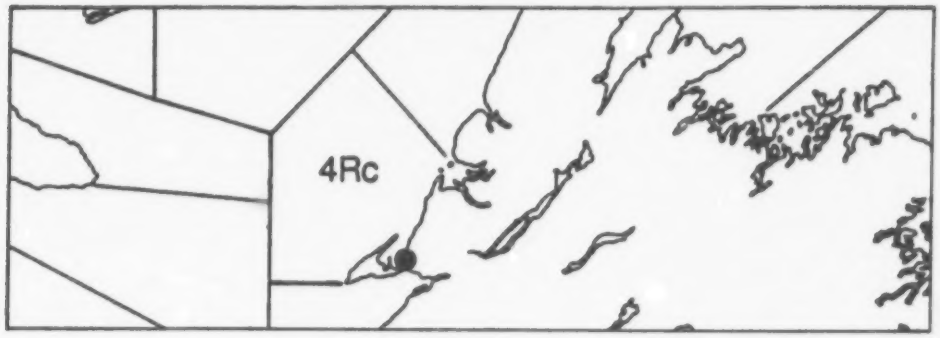
PORT AU PORT NFLD

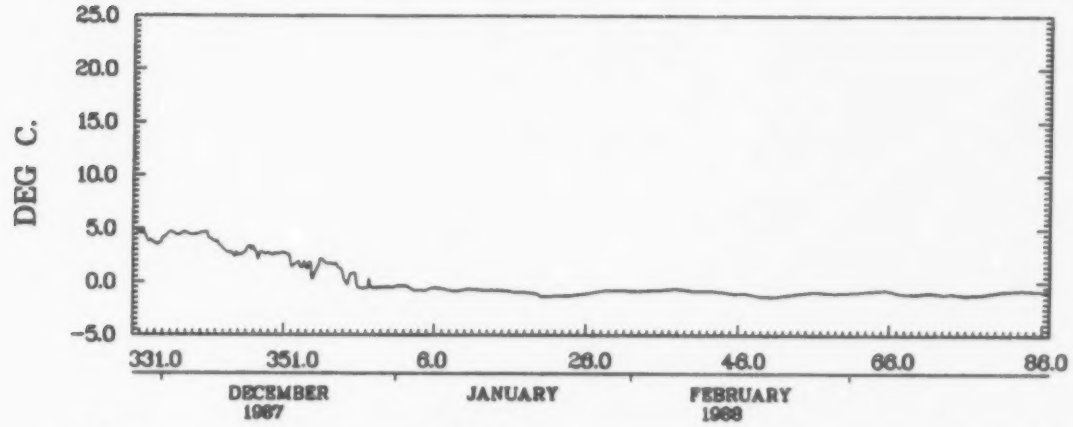
STA. 4RC 100

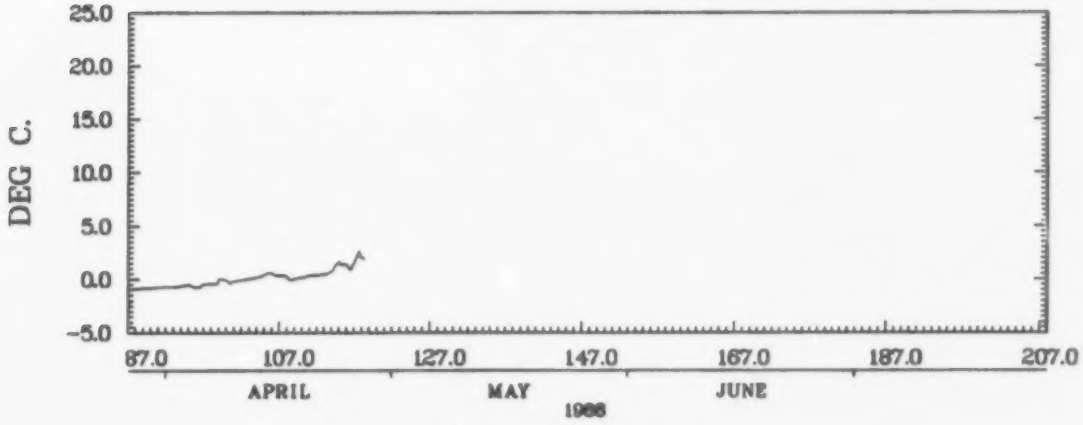
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
11.0M.	11.0M.	48.57	58.73	27/11/ 87	27/ 4/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
331	4.8	4.8	.8	31	-.8	87.1	4.4	96	-.7	87.1	4.4
332	4.5	9.2	1.2	32	-.8	87.1	4.4	97	-.4	87.1	4.4
333	3.8	13.0	1.2	33	-.8	87.1	4.4	98	-.4	87.1	4.4
334	3.7	16.7	1.2	34	-.8	87.1	4.4	99	.0	87.1	4.4
335	4.4	21.1	1.6	35	-.7	87.1	4.4	100	-.3	87.1	4.4
336	4.6	25.7	2.2	36	-.7	87.1	4.4	101	-.1	87.1	4.4
337	4.5	30.3	2.8	37	-.6	87.1	4.4	102	.0	87.1	4.4
338	4.5	34.8	3.3	38	-.7	87.1	4.4	103	.1	87.2	4.4
339	4.5	39.2	3.8	39	-.8	87.1	4.4	104	.3	87.4	4.4
340	4.6	43.9	4.4	40	-.8	87.1	4.4	105	.5	87.9	4.4
341	4.0	47.9	4.4	41	-.8	87.1	4.4	106	.4	88.4	4.4
342	3.5	51.4	4.4	42	-.8	87.1	4.4	107	.3	88.7	4.4
343	2.9	54.2	4.4	43	-.9	87.1	4.4	108	.0	88.7	4.4
344	2.6	56.8	4.4	44	-1.0	87.1	4.4	109	.1	88.8	4.4
345	2.6	59.5	4.4	45	-1.1	87.1	4.4	110	.2	89.1	4.4
346	3.2	62.7	4.4	46	-1.1	87.1	4.4	111	.4	89.4	4.4
347	2.7	65.3	4.4	47	-1.1	87.1	4.4	112	.4	89.8	4.4
348	2.7	68.0	4.4	48	-1.3	87.1	4.4	113	.6	90.4	4.4
349	2.6	70.7	4.4	49	-1.3	87.1	4.4	114	1.2	91.6	4.4
350	2.7	73.3	4.4	50	-1.4	87.1	4.4	115	1.4	93.0	4.4
351	2.6	75.9	4.4	51	-1.3	87.1	4.4	116	1.1	94.1	4.4
352	1.6	77.5	4.4	52	-1.2	87.1	4.4	117	2.1	96.2	4.4
353	1.6	79.1	4.4	53	-1.1	87.1	4.4	118	2.0	98.1	4.4
354	1.1	80.3	4.4	54	-1.0	87.1	4.4				
355	1.3	81.5	4.4	55	-1.0	87.1	4.4				
356	1.9	83.4	4.4	56	-.9	87.1	4.4				
357	1.7	85.1	4.4	57	-1.0	87.1	4.4				
358	1.3	86.4	4.4	58	-1.0	87.1	4.4				
359	.1	86.6	4.4	59	-1.0	87.1	4.4				
360	.5	87.1	4.4	60	-1.0	87.1	4.4				
361	-.6	87.1	4.4	61	-.9	87.1	4.4				
362	-.4	87.1	4.4	62	-.9	87.1	4.4				
363	-.5	87.1	4.4	63	-.8	87.1	4.4				
364	-.5	87.1	4.4	64	-.8	87.1	4.4				
365	-.5	87.1	4.4	65	-.7	87.1	4.4				
1	-.4	87.1	4.4	66	-.9	87.1	4.4				
2	-.5	87.1	4.4	67	-1.1	87.1	4.4				
3	-.8	87.1	4.4	68	-1.1	87.1	4.4				
4	-.8	87.1	4.4	69	-1.1	87.1	4.4				
5	-.7	87.1	4.4	70	-1.0	87.1	4.4				
6	-.6	87.1	4.4	71	-1.0	87.1	4.4				
7	-.7	87.1	4.4	72	-1.1	87.1	4.4				
8	-.8	87.1	4.4	73	-1.1	87.1	4.4				
9	-.8	87.1	4.4	74	-1.1	87.1	4.4				
10	-.7	87.1	4.4	75	-1.2	87.1	4.4				
11	-.7	87.1	4.4	76	-1.2	87.1	4.4				
12	-.8	87.1	4.4	77	-1.2	87.1	4.4				
13	-.8	87.1	4.4	78	-1.1	87.1	4.4				
14	-.8	87.1	4.4	79	-1.0	87.1	4.4				
15	-.8	87.1	4.4	80	-.9	87.1	4.4				
16	-.9	87.1	4.4	81	-.8	87.1	4.4				
17	-.9	87.1	4.4	82	-.8	87.1	4.4				
18	-1.0	87.1	4.4	83	-.7	87.1	4.4				
19	-1.1	87.1	4.4	84	-.8	87.1	4.4				
20	-1.3	87.1	4.4	85	-.8	87.1	4.4				
21	-1.3	87.1	4.4	86	-.9	87.1	4.4				
22	-1.3	87.1	4.4	87	-.9	87.1	4.4				
23	-1.3	87.1	4.4	88	-.8	87.1	4.4				
24	-1.2	87.1	4.4	89	-.8	87.1	4.4				
25	-1.1	87.1	4.4	90	-.8	87.1	4.4				
26	-1.0	87.1	4.4	91	-.7	87.1	4.4				
27	-.9	87.1	4.4	92	-.7	87.1	4.4				
28	-.8	87.1	4.4	93	-.7	87.1	4.4				
29	-.8	87.1	4.4	94	-.6	87.1	4.4				
30	-.8	87.1	4.4	95	-.6	87.1	4.4				

STN 100 DEPTH 11M







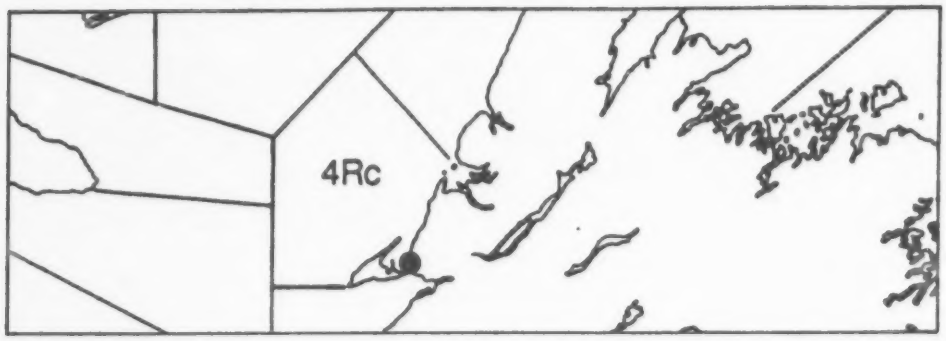
PORT AU PORT NFLD
48.57N 58.73W 1230Z 27/11/87 - 0830Z 27/04/88
INST. 62902

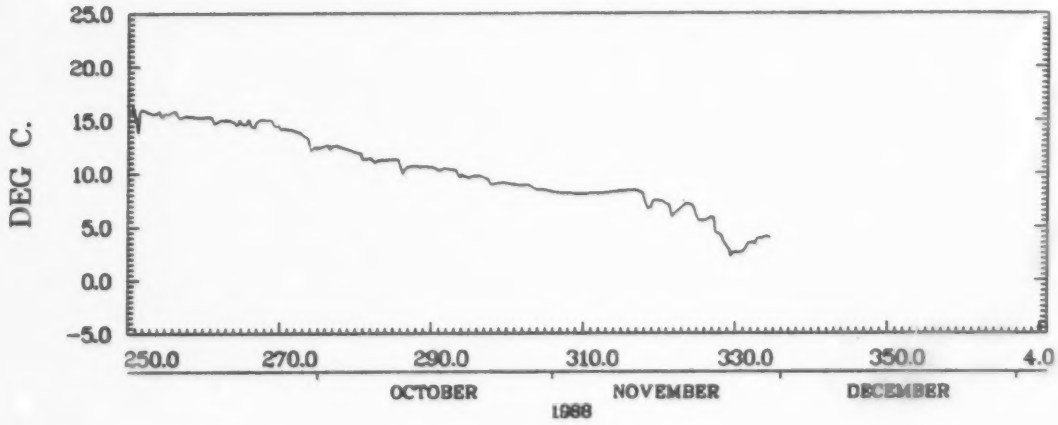
PORT AU PORT NFLD STA. 4RC 101

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
11.0M.	11.0M.	48.57	58 73	6/ 9/ 68	29/11/ 68

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
250	15.9	15.9	11.9	315	8.4	775.4	511.4				
251	15.2	31.1	23.1	316	8.4	783.8	515.8				
252	15.8	46.9	34.9	317	8.3	792.0	520.0				
253	15.6	62.6	46.6	318	7.0	799.1	523.1				
254	15.6	78.1	58.1	319	7.4	806.5	526.5				
255	15.6	93.8	69.8	320	7.3	813.8	529.8				
256	15.6	109.3	81.3	321	6.6	820.4	532.4				
257	15.3	124.6	92.6	322	6.5	826.9	534.9				
258	15.3	140.0	104.0	323	7.0	834.0	538.0				
259	15.3	155.2	115.2	324	6.8	840.8	540.8				
260	15.3	170.5	126.5	325	5.6	846.4	542.4				
261	14.9	185.4	137.4	326	5.7	852.1	544.1				
262	15.0	200.4	148.4	327	4.9	857.0	545.0				
263	14.9	215.3	159.3	328	3.7	860.7	545.0				
264	14.7	230.1	170.1	329	2.6	863.3	545.0				
265	14.8	244.8	180.8	330	2.6	865.9	545.0				
266	14.5	259.3	191.3	331	3.2	869.1	545.0				
267	15.0	274.3	202.3	332	3.6	872.6	545.0				
268	15.0	289.3	213.3	333	3.9	876.6	545.0				
269	14.5	303.8	223.8	334	4.0	880.6	545.0				
270	14.1	317.9	233.9								
271	14.1	332.0	244.0								
272	13.9	345.9	253.9								
273	13.3	359.2	263.2								
274	12.3	371.5	271.5								
275	12.4	383.9	279.9								
276	12.5	396.4	288.4								
277	12.5	409.0	297.0								
278	12.3	421.3	305.3								
279	12.1	433.4	313.4								
280	11.8	445.2	321.2								
281	11.3	456.6	328.6								
282	11.2	467.7	335.7								
283	11.2	479.0	343.0								
284	11.2	490.2	350.2								
285	11.2	501.4	357.4								
286	10.3	511.8	363.8								
287	10.7	522.4	370.4								
288	10.6	533.1	377.1								
289	10.6	543.7	383.7								
290	10.5	554.1	390.1								
291	10.4	564.5	396.5								
292	10.4	574.8	402.8								
293	10.0	584.8	408.8								
294	9.7	594.6	414.6								
295	9.7	604.2	420.2								
296	9.7	613.9	425.9								
297	9.3	623.3	431.3								
298	9.0	632.3	436.3								
299	9.1	641.4	441.4								
300	9.0	650.4	446.4								
301	8.9	659.3	451.3								
302	8.9	668.2	456.2								
303	8.6	676.8	460.8								
304	8.5	685.2	465.2								
305	8.3	693.6	469.6								
306	8.2	701.8	473.8								
307	8.1	709.9	477.9								
308	8.1	718.0	482.0								
309	8.1	726.1	486.1								
310	8.1	734.2	490.2								
311	8.1	742.3	494.3								
312	8.1	750.5	498.5								
313	8.2	758.7	502.7								
314	8.3	767.0	507.0								

STN 101 DEPTH 11M





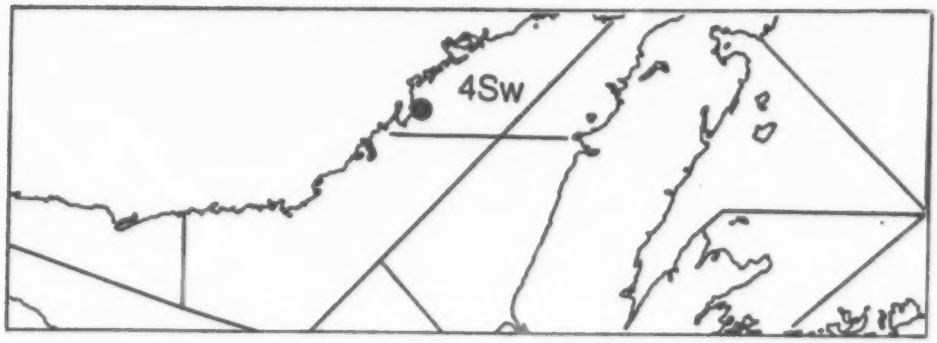
PORT AU PORT NFLD
48.57N 58.73W 1230Z 06/09/88 - 1230Z 29/11/88
INST. 62910

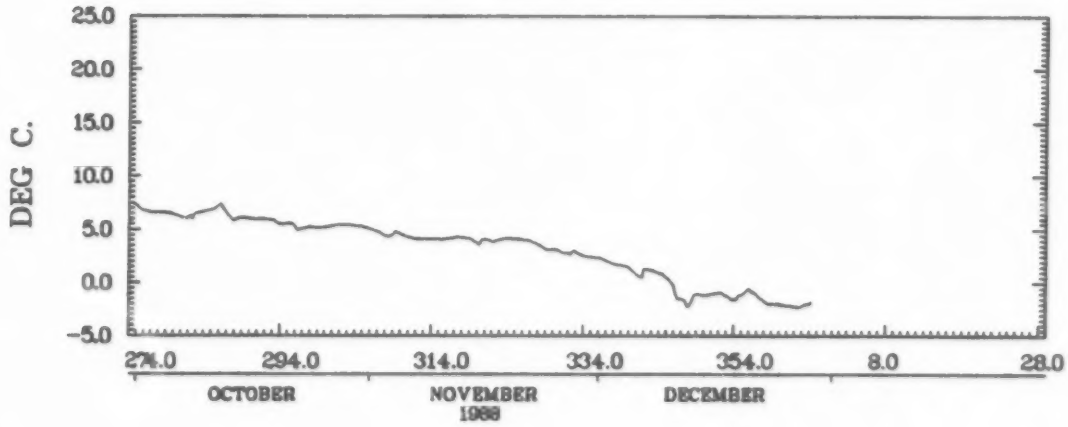
LA TABATIERE PQ (BAIE DE TABATIERE) STA. 4SW 112

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
13.0M.	5.0M.	50.84	58.97	30/ 9/ 88	29/12/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	7.3	7.3	3.3	339	1.6	313.4	68.1				
275	7.0	14.3	6.3	340	1.1	314.5	68.1				
276	6.7	21.0	9.0	341	.7	315.2	68.1				
277	6.6	27.6	11.6	342	1.2	316.4	68.1				
278	6.6	34.1	14.1	343	1.0	317.5	68.1				
279	6.5	40.6	16.6	344	.7	318.2	68.1				
280	6.3	46.9	18.9	345	.1	318.4	68.1				
281	6.1	53.0	21.0	346	-1.3	318.4	68.1				
282	6.3	59.2	23.2	347	-1.9	318.4	68.1				
283	6.6	65.8	25.8	348	-1.5	318.4	68.1				
284	6.8	72.6	28.6	349	-1.1	318.4	68.1				
285	7.0	79.6	31.6	350	-1.1	318.4	68.1				
286	7.0	86.6	34.6	351	-1.0	318.4	68.1				
287	6.1	92.7	36.7	352	-1.0	318.4	68.1				
288	6.0	98.7	38.7	353	-1.4	318.4	68.1				
289	6.1	104.7	40.7	354	-1.4	318.4	68.1				
290	6.0	110.7	42.7	355	-.8	318.4	68.1				
291	6.0	116.7	44.7	356	-.8	318.4	68.1				
292	5.9	122.6	46.6	357	-1.4	318.4	68.1				
293	5.7	128.3	48.3	358	-1.9	318.4	68.1				
294	5.5	133.8	49.8	359	-2.0	318.4	68.1				
295	5.5	139.3	51.3	360	-2.1	318.4	68.1				
296	5.0	144.3	52.3	361	-2.2	318.4	68.1				
297	5.2	149.4	53.4	362	-2.3	318.4	68.1				
298	5.2	154.6	54.6	363	-2.1	318.4	68.1				
299	5.2	159.8	55.8	364	-1.8	318.4	68.1				
300	5.3	165.1	57.1								
301	5.4	170.4	58.4								
302	5.4	175.9	59.9								
303	5.4	181.2	61.2								
304	5.3	186.5	62.5								
305	5.1	191.7	63.7								
306	4.9	196.6	64.6								
307	4.6	201.2	65.2								
308	4.4	205.6	65.6								
309	4.7	210.2	66.2								
310	4.4	214.6	66.6								
311	4.2	218.8	66.8								
312	4.1	222.9	66.9								
313	4.1	227.0	67.0								
314	4.1	231.1	67.1								
315	4.1	235.1	67.1								
316	4.2	239.3	67.3								
317	4.3	243.6	67.6								
318	4.2	247.8	67.8								
319	3.9	251.7	67.8								
320	3.9	255.5	67.8								
321	4.0	259.5	67.8								
322	3.9	263.4	67.8								
323	4.1	267.5	67.9								
324	4.1	271.7	68.0								
325	4.1	275.7	68.1								
326	4.0	279.7	68.1								
327	3.7	283.4	68.1								
328	3.3	286.8	68.1								
329	3.1	289.9	68.1								
330	3.1	292.9	68.1								
331	2.8	295.7	68.1								
332	2.8	298.5	68.1								
333	2.7	301.2	68.1								
334	2.4	303.6	68.1								
335	2.4	306.0	68.1								
336	2.2	308.2	68.1								
337	1.9	310.2	68.1								
338	1.7	311.8	68.1								

STN 112 DEPTH 5M





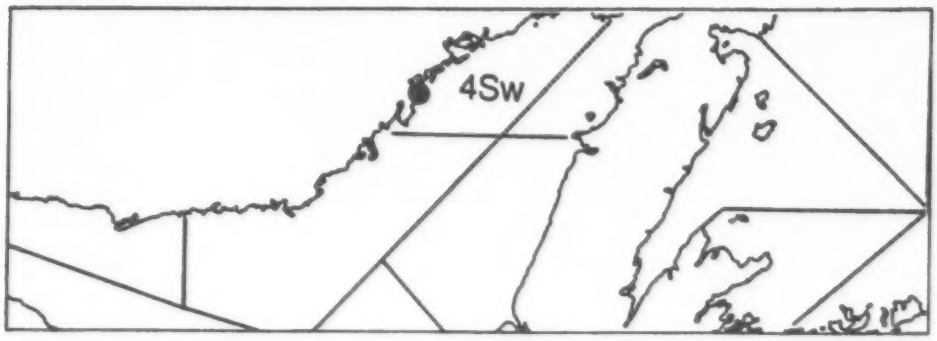
LA TABATIERE PQ (BAIE DE TABATIERE)
50.84N 58.97W 1800Z 30/09/88 - 0600Z 29/12/88
INST. 63546

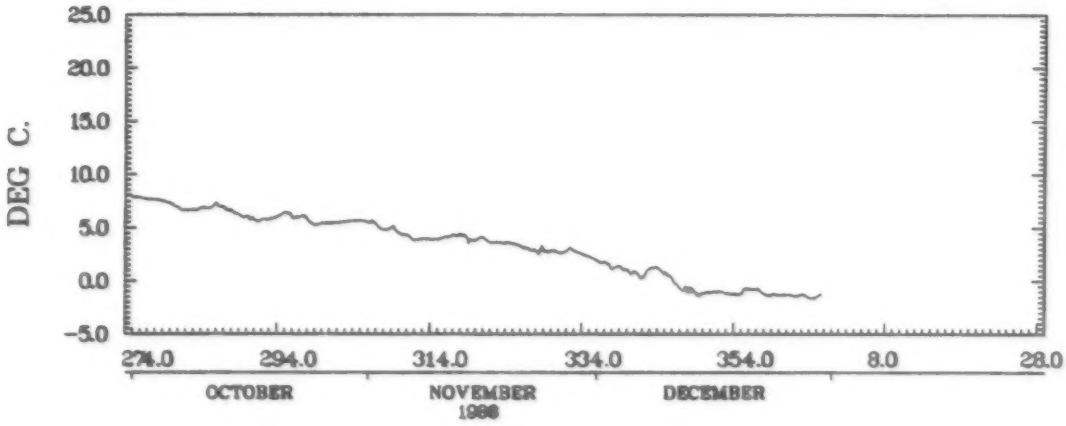
LA TABATIERE PQ (DUCK ISLAND) STA. 4SW 110

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
13.0M.	5.0M.	50.97	58.88	30/ 9/ 88	30/12/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	8.1	8.1	4.1	339	1.1	320.7	82.3				
275	7.9	15.9	7.9	340	.8	321.5	82.3				
276	7.7	23.7	11.7	341	.5	322.0	82.3				
277	7.7	31.3	15.3	342	.8	322.8	82.3				
278	7.6	38.9	18.9	343	1.3	324.1	82.3				
279	7.4	46.3	22.3	344	1.0	325.0	82.3				
280	7.1	53.4	25.4	345	.5	325.5	82.3				
281	6.7	60.0	28.0	346	-.3	325.5	82.3				
282	6.7	66.7	30.7	347	-.8	325.5	82.3				
283	6.7	73.4	33.4	348	-.9	325.5	82.3				
284	6.9	80.3	36.3	349	-1.3	325.5	82.3				
285	7.0	87.3	39.3	350	-1.1	325.5	82.3				
286	7.0	94.3	42.3	351	-1.0	325.5	82.3				
287	6.7	101.0	45.0	352	-1.0	325.5	82.3				
288	6.3	107.3	47.3	353	-1.2	325.5	82.3				
289	6.1	113.4	49.4	354	-1.2	325.5	82.3				
290	5.9	119.3	51.3	355	-.8	325.5	82.3				
291	5.6	124.9	52.9	356	-.8	325.5	82.3				
292	5.8	130.7	54.7	357	-1.0	325.5	82.3				
293	5.9	136.6	56.6	358	-1.3	325.5	82.3				
294	6.2	142.8	58.8	359	-1.2	325.5	82.3				
295	6.3	149.1	61.1	360	-1.3	325.5	82.3				
296	6.0	155.1	63.1	361	-1.3	325.5	82.3				
297	6.0	161.1	65.1	362	-1.4	325.5	82.3				
298	5.4	166.6	66.6	363	-1.3	325.5	82.3				
299	5.3	171.9	67.9	364	-1.6	325.5	82.3				
300	5.4	177.3	69.3	365	-1.3	325.5	82.3				
301	5.4	182.7	70.7								
302	5.5	188.2	72.2								
303	5.6	193.8	73.8								
304	5.6	199.5	75.5								
305	5.6	205.1	77.1								
306	5.5	210.6	78.6								
307	5.0	215.6	79.6								
308	4.8	220.4	80.4								
309	4.8	225.2	81.2								
310	4.3	229.6	81.6								
311	4.0	233.6	81.6								
312	3.9	237.5	81.6								
313	3.9	241.4	81.6								
314	3.9	245.3	81.6								
315	4.0	249.3	81.6								
316	4.2	253.4	81.8								
317	4.3	257.8	82.1								
318	4.2	262.0	82.3								
319	3.8	265.7	82.3								
320	4.0	269.7	82.3								
321	3.8	273.6	82.3								
322	3.6	277.2	82.3								
323	3.6	280.7	82.3								
324	3.5	284.3	82.3								
325	3.4	287.7	82.3								
326	3.1	290.8	82.3								
327	2.9	293.7	82.3								
328	2.8	296.5	82.3								
329	2.8	299.3	82.3								
330	2.8	302.0	82.3								
331	2.7	304.7	82.3								
332	3.0	307.7	82.3								
333	2.7	310.4	82.3								
334	2.4	312.8	82.3								
335	2.1	314.9	82.3								
336	1.8	316.7	82.3								
337	1.5	318.2	82.3								
338	1.3	319.5	82.3								

STN 110 DEPTH 5M





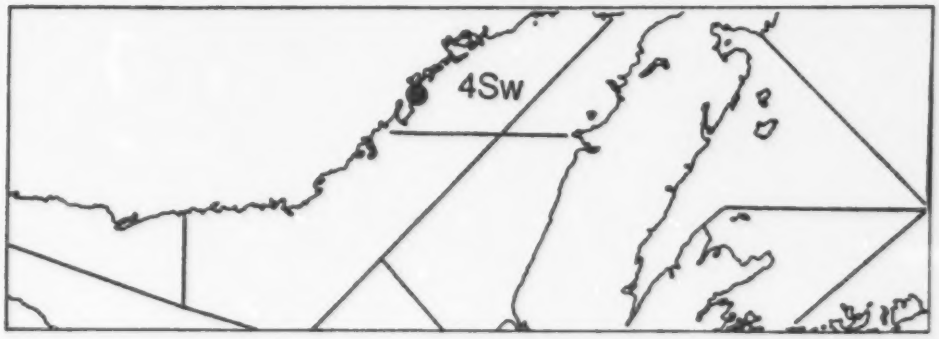
LA TABATIERE PQ (DUCK ISLAND)
50.97N 58.88W 1430Z 30/09/88 - 1430Z 30/12/88
INST. 63545

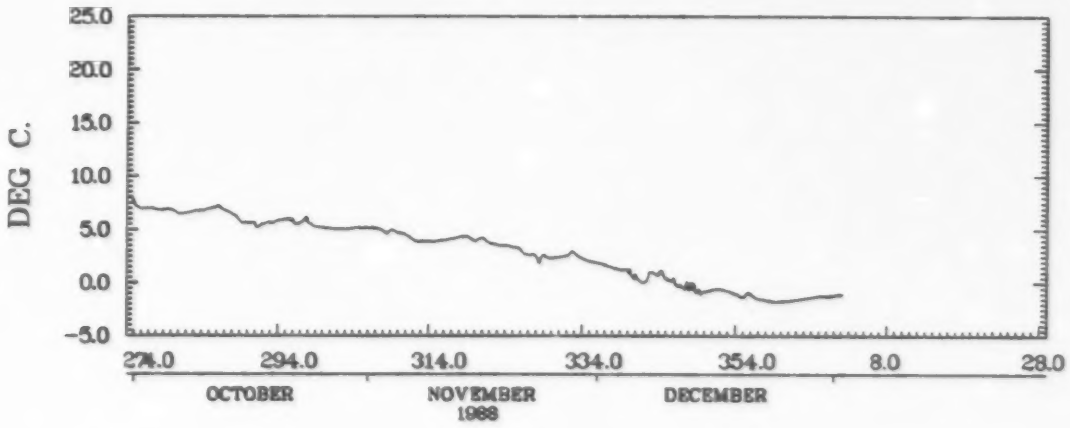
LA TABATIERE PQ (DUCK ISLAND) STA. 4SW 111

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
13.0M.	10.0M.	50.97	58.88	30/ 9/ 88	2/ 1/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	7.8	7.8	3.8	339	1.2	307.4	72.2				
275	7.1	15.0	7.0	340	.8	308.2	72.2				
276	7.0	21.9	9.9	341	.2	308.4	72.2				
277	7.0	28.9	12.9	342	.4	308.8	72.2				
278	6.8	35.7	15.7	343	.9	309.7	72.2				
279	6.9	42.6	18.6	344	.8	310.5	72.2				
280	6.6	49.2	21.2	345	.3	310.8	72.2				
281	6.5	55.7	23.7	346	-.2	310.8	72.2				
282	6.6	62.3	26.3	347	-.4	310.8	72.2				
283	6.8	69.1	29.1	348	-.5	310.8	72.2				
284	6.8	75.9	31.9	349	-.9	310.8	72.2				
285	7.0	82.9	34.9	350	-.8	310.8	72.2				
286	7.0	89.9	37.9	351	-.6	310.8	72.2				
287	6.6	96.6	40.6	352	-.7	310.8	72.2				
288	6.1	102.7	42.7	353	-.9	310.8	72.2				
289	5.7	108.4	44.4	354	-1.2	310.8	72.2				
290	5.6	114.0	46.0	355	-1.1	310.8	72.2				
291	5.3	119.3	47.3	356	-1.3	310.8	72.2				
292	5.6	124.9	48.9	357	-1.6	310.8	72.2				
293	5.7	130.6	50.6	358	-1.7	310.8	72.2				
294	5.9	136.5	52.5	359	-1.7	310.8	72.2				
295	5.9	142.4	54.4	360	-1.7	310.8	72.2				
296	5.5	147.9	55.9	361	-1.6	310.8	72.2				
297	5.9	153.8	57.8	362	-1.5	310.8	72.2				
298	5.4	159.2	59.2	363	-1.4	310.8	72.2				
299	5.2	164.4	60.4	364	-1.3	310.8	72.2				
300	5.1	169.5	61.5	365	-1.2	310.8	72.2				
301	5.0	174.6	62.6	366	-1.2	310.8	72.2				
302	5.0	179.6	63.6	1	-1.1	310.8	72.2				
303	5.1	184.6	64.6								
304	5.1	189.8	65.8								
305	5.2	195.0	67.0								
306	5.2	200.1	68.1								
307	5.0	205.1	69.1								
308	4.7	209.8	69.8								
309	4.8	214.7	70.7								
310	4.6	219.2	71.2								
311	4.2	223.5	71.5								
312	3.9	227.3	71.5								
313	3.9	231.2	71.5								
314	3.9	235.1	71.5								
315	3.9	239.0	71.5								
316	4.0	243.1	71.5								
317	4.2	247.3	71.7								
318	4.3	251.6	72.0								
319	4.1	255.7	72.1								
320	4.1	259.8	72.2								
321	3.9	263.7	72.2								
322	3.6	267.3	72.2								
323	3.5	270.8	72.2								
324	3.4	274.2	72.2								
325	3.2	277.4	72.2								
326	2.7	280.1	72.2								
327	2.6	282.7	72.2								
328	2.3	285.0	72.2								
329	2.4	287.4	72.2								
330	2.4	289.8	72.2								
331	2.5	292.2	72.2								
332	2.8	295.0	72.2								
333	2.5	297.5	72.2								
334	2.1	299.6	72.2								
335	1.9	301.6	72.2								
336	1.8	303.3	72.2								
337	1.5	304.9	72.2								
338	1.3	306.2	72.2								

STN 111 DEPTH 10M





LA TABATIERE PQ (DUCK ISLAND)
50.97N 58.88W 1430Z 30/09/88 - 0230Z 02/01/89
INST. 63547

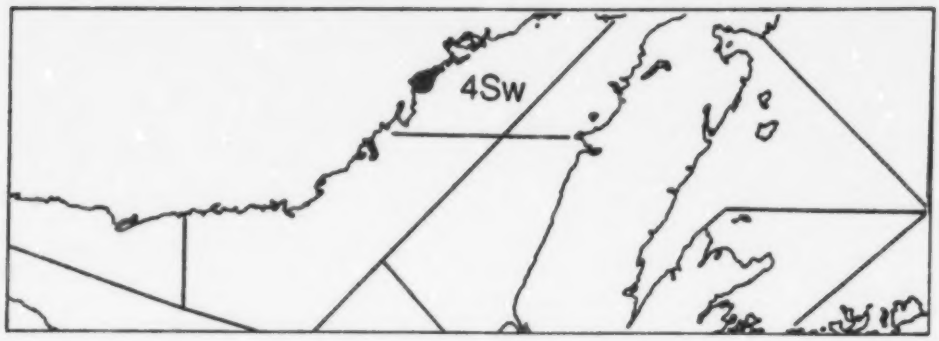
LA TABATIERE PQ (INDIAN PASSAGE)

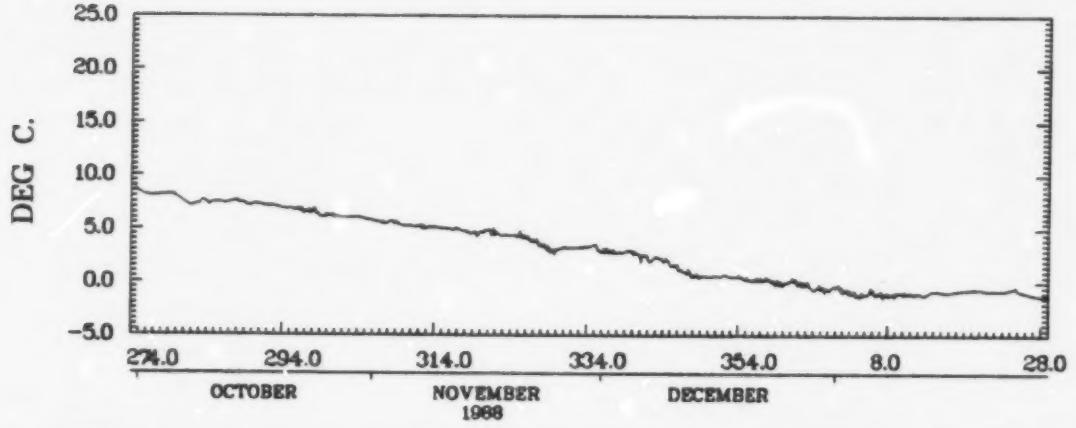
STA. 4SW 109

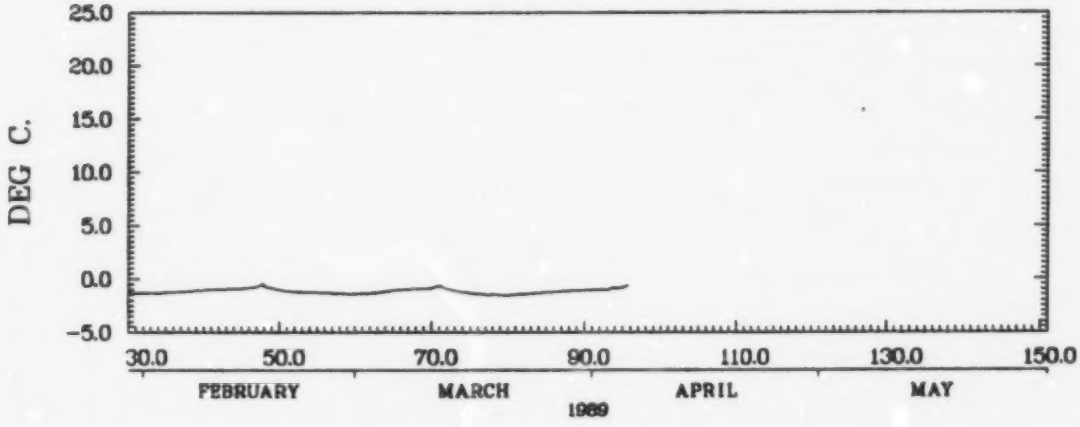
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
5.5M.	5.0M.	51.01	58.82	30/ 9/ 88	5/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	8.6	8.6	4.6	339	2.9	371.8	119.1	38	-1.1	391.8	119.1
275	8.3	16.9	8.9	340	2.7	374.5	119.1	39	-1.1	391.8	119.1
276	8.1	25.0	13.0	341	2.4	376.9	119.1	40	-1.0	391.8	119.1
277	8.1	33.1	17.1	342	2.1	379.0	119.1	41	-1.0	391.8	119.1
278	8.1	41.2	21.2	343	2.3	381.3	119.1	42	-1.0	391.8	119.1
279	8.1	49.3	25.3	344	2.0	383.3	119.1	43	-.9	391.8	119.1
280	7.7	57.0	29.0	345	1.6	384.9	119.1	44	-.9	391.8	119.1
281	7.3	64.3	32.3	346	1.1	385.9	119.1	45	-.9	391.8	119.1
282	7.3	71.6	35.6	347	.8	386.7	119.1	46	-.8	391.8	119.1
283	7.5	79.1	39.1	348	.6	387.4	119.1	47	-.6	391.8	119.1
284	7.4	86.5	42.5	349	.6	388.0	119.1	48	-.8	391.8	119.1
285	7.5	94.0	46.0	350	.6	388.5	119.1	49	-.9	391.8	119.1
286	7.4	101.4	49.4	351	.6	389.1	119.1	50	-1.1	391.8	119.1
287	7.6	108.9	52.9	352	.6	389.8	119.1	51	-1.2	391.8	119.1
288	7.4	116.4	56.4	353	.5	390.3	119.1	52	-1.2	391.8	119.1
289	7.2	123.6	59.6	354	.4	390.7	119.1	53	-1.3	391.8	119.1
290	7.3	130.9	62.9	355	.3	391.0	119.1	54	-1.3	391.8	119.1
291	7.2	138.1	66.1	356	.2	391.3	119.1	55	-1.3	391.8	119.1
292	7.1	145.2	69.2	357	.3	391.5	119.1	56	-1.3	391.8	119.1
293	7.0	152.2	72.2	358	.1	391.7	119.1	57	-1.3	391.8	119.1
294	6.9	159.1	75.1	359	-.1	391.7	119.1	58	-1.4	391.8	119.1
295	6.8	165.9	77.9	360	.0	391.7	119.1	59	-1.4	391.8	119.1
296	6.7	172.6	80.6	361	.1	391.8	119.1	60	-1.4	391.8	119.1
297	6.6	179.1	83.1	362	-.1	391.8	119.1	61	-1.4	391.8	119.1
298	6.5	185.6	85.6	363	-.3	391.8	119.1	62	-1.3	391.8	119.1
299	6.2	191.8	87.8	364	-.5	391.8	119.1	63	-1.2	391.8	119.1
300	6.2	198.0	90.0	365	-.6	391.8	119.1	64	-1.1	391.8	119.1
301	6.1	204.1	92.1	366	-.6	391.8	119.1	65	-1.1	391.8	119.1
302	6.0	210.1	94.1	1	-.5	391.8	119.1	66	-1.0	391.8	119.1
303	6.1	216.2	96.2	2	-.8	391.8	119.1	67	-1.0	391.8	119.1
304	6.0	222.1	98.1	3	-1.1	391.8	119.1	68	-.9	391.8	119.1
305	5.8	228.0	100.0	4	-1.2	391.8	119.1	69	-.9	391.8	119.1
306	5.7	233.6	101.6	5	-.9	391.8	119.1	70	-.8	391.8	119.1
307	5.5	239.2	103.2	6	-1.0	391.8	119.1	71	-.8	391.8	119.1
308	5.6	244.8	104.8	7	-1.1	391.8	119.1	72	-1.0	391.8	119.1
309	5.4	250.2	106.2	8	-1.2	391.8	119.1	73	-1.2	391.8	119.1
310	5.2	255.4	107.4	9	-1.0	391.8	119.1	74	-1.3	391.8	119.1
311	5.2	260.7	108.7	10	-1.0	391.8	119.1	75	-1.4	391.8	119.1
312	5.2	265.8	109.8	11	-1.1	391.8	119.1	76	-1.4	391.8	119.1
313	5.1	271.0	111.0	12	-1.1	391.8	119.1	77	-1.5	391.8	119.1
314	5.1	276.0	112.0	13	-.9	391.8	119.1	78	-1.5	391.8	119.1
315	5.0	281.1	113.1	14	-.8	391.8	119.1	79	-1.5	391.8	119.1
316	5.0	286.0	114.0	15	-.9	391.8	119.1	80	-1.5	391.8	119.1
317	4.9	290.9	114.9	16	-.9	391.8	119.1	81	-1.4	391.8	119.1
318	4.6	295.5	115.5	17	-.8	391.8	119.1	82	-1.4	391.8	119.1
319	4.5	300.1	116.1	18	-.7	391.8	119.1	83	-1.3	391.8	119.1
320	4.8	304.8	116.8	19	-.7	391.8	119.1	84	-1.3	391.8	119.1
321	4.7	309.5	117.5	20	-.7	391.8	119.1	85	-1.2	391.8	119.1
322	4.4	314.0	118.0	21	-.8	391.8	119.1	86	-1.2	391.8	119.1
323	4.4	318.4	118.4	22	-.8	391.8	119.1	87	-1.1	391.8	119.1
324	4.3	322.7	118.7	23	-.7	391.8	119.1	88	-1.1	391.8	119.1
325	4.3	327.1	119.1	24	-.6	391.8	119.1	89	-1.1	391.8	119.1
326	4.0	331.1	119.1	25	-.9	391.8	119.1	90	-1.0	391.8	119.1
327	3.7	334.7	119.1	26	-1.1	391.8	119.1	91	-1.0	391.8	119.1
328	3.2	338.0	119.1	27	-1.2	391.8	119.1	92	-1.0	391.8	119.1
329	2.9	340.9	119.1	28	-1.3	391.8	119.1	93	-.9	391.8	119.1
330	3.1	344.0	119.1	29	-1.3	391.8	119.1	94	-.9	391.8	119.1
331	3.2	347.2	119.1	30	-1.3	391.8	119.1	95	-.7	391.8	119.1
332	3.2	350.5	119.1	31	-1.3	391.8	119.1				
333	3.3	353.7	119.1	32	-1.3	391.8	119.1				
334	3.4	357.1	119.1	33	-1.3	391.8	119.1				
335	3.1	360.2	119.1	34	-1.3	391.8	119.1				
336	3.0	363.2	119.1	35	-1.3	391.8	119.1				
337	2.8	366.1	119.1	36	-1.2	391.8	119.1				
338	2.8	368.9	119.1	37	-1.2	391.8	119.1				

STN 109 DEPTH 5M







LA TABATIERE PQ (INDIAN PASSAGE)
51.01N 58.82W 1330Z 30/09/88 - 1730Z 05/04/89
INST. 63919

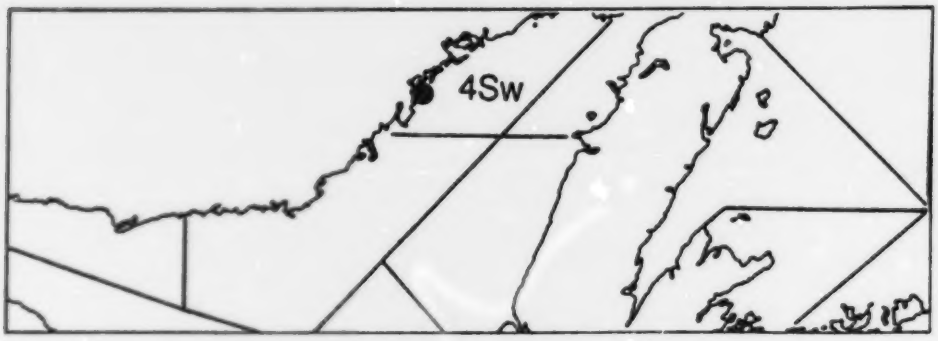
LA TABATIERE PQ (PETIT PASSAGE)

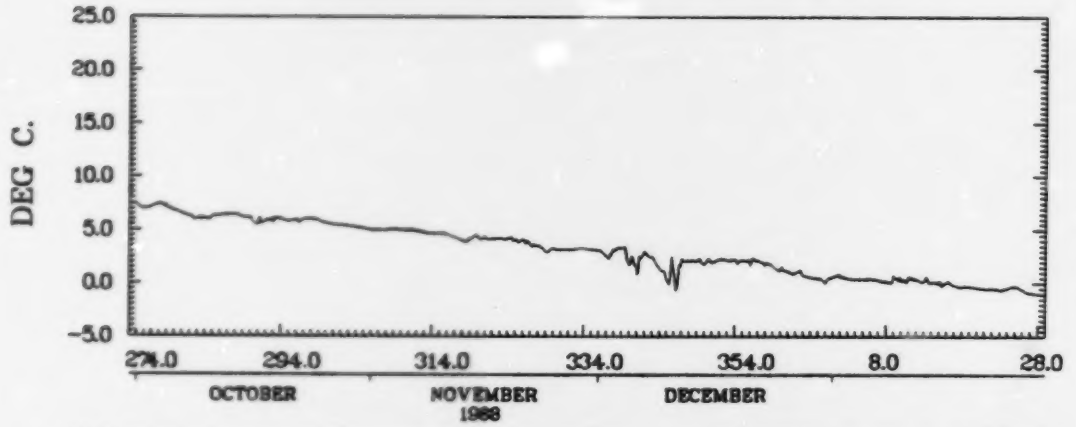
STA. 4SW 186

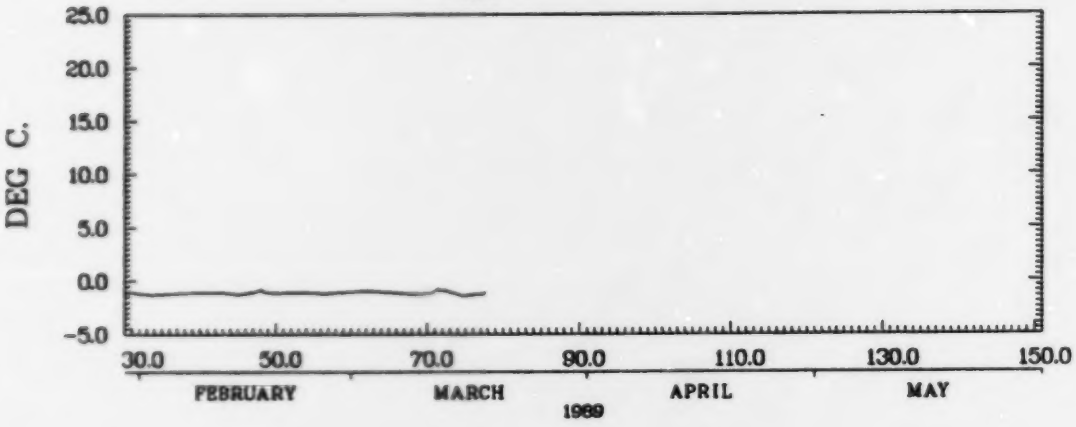
WATER DEPTH 6.0M. | INST DEPTH 5.0M. | LATITUDE 50.95 | LONGITUDE 58.93 | FROM 30/ 9/ 88 | TO 18/ 3/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	7.4	7.4	3.4	339	2.9	332.0	79.5	38	-1.1	380.0	79.5
275	7.1	14.6	6.6	340	2.0	334.0	79.5	39	-1.1	380.0	79.5
276	7.0	21.6	9.6	341	2.0	336.0	79.5	40	-1.1	380.0	79.5
277	7.3	28.9	12.9	342	2.7	338.7	79.5	41	-1.1	380.0	79.5
278	7.3	36.3	16.3	343	2.0	340.7	79.5	42	-1.1	380.0	79.5
279	6.9	43.2	19.2	344	1.1	341.8	79.5	43	-1.1	380.0	79.5
280	6.7	49.9	21.9	345	1.0	342.8	79.5	44	-1.2	380.0	79.5
281	6.4	56.3	24.3	346	.6	343.4	79.5	45	-1.2	380.0	79.5
282	6.1	62.4	26.4	347	2.1	345.6	79.5	46	-1.1	380.0	79.5
283	6.1	68.5	28.5	348	2.1	347.7	79.5	47	-1.0	380.0	79.5
284	6.0	74.5	30.5	349	2.0	349.7	79.5	48	-1.0	380.0	79.5
285	6.3	80.8	32.8	350	2.1	351.8	79.5	49	-1.1	380.0	79.5
286	6.4	87.2	35.2	351	2.1	353.8	79.5	50	-1.1	380.0	79.5
287	6.4	93.6	37.6	352	2.2	356.1	79.5	51	-1.1	380.0	79.5
288	6.3	100.0	40.0	353	2.2	358.3	79.5	52	-1.1	380.0	79.5
289	6.2	106.1	42.1	354	2.1	360.4	79.5	53	-1.1	380.0	79.5
290	5.8	111.9	43.9	355	2.1	362.5	79.5	54	-1.1	380.0	79.5
291	5.8	117.6	45.6	356	2.1	364.6	79.5	55	-1.2	380.0	79.5
292	5.9	123.6	47.6	357	2.0	366.6	79.5	56	-1.2	380.0	79.5
293	6.0	129.6	49.6	358	1.8	368.4	79.5	57	-1.1	380.0	79.5
294	5.9	135.5	51.5	359	1.4	369.8	79.5	58	-1.1	380.0	79.5
295	5.9	141.3	53.3	360	1.3	371.1	79.5	59	-1.0	380.0	79.5
296	5.9	147.2	55.2	361	1.0	372.1	79.5	60	-1.0	380.0	79.5
297	6.0	153.2	57.2	362	1.1	373.1	79.5	61	-1.0	380.0	79.5
298	6.0	159.2	59.2	363	.7	373.8	79.5	62	-1.0	380.0	79.5
299	5.7	164.9	60.9	364	.5	374.3	79.5	63	-1.0	380.0	79.5
300	5.5	170.5	62.5	365	.3	374.6	79.5	64	-1.1	380.0	79.5
301	5.4	175.9	63.9	366	.4	375.0	79.5	65	-1.1	380.0	79.5
302	5.4	181.3	65.3	1	.7	375.7	79.5	66	-1.2	380.0	79.5
303	5.3	186.6	66.6	2	.5	376.3	79.5	67	-1.2	380.0	79.5
304	5.2	191.8	67.8	3	.4	376.7	79.5	68	-1.3	380.0	79.5
305	5.1	196.9	68.9	4	.4	377.0	79.5	69	-1.2	380.0	79.5
306	5.0	201.9	69.9	5	.4	377.5	79.5	70	-1.1	380.0	79.5
307	5.0	206.9	70.9	6	.4	377.8	79.5	71	-.9	380.0	79.5
308	5.0	211.9	71.9	7	.2	378.0	79.5	72	-1.0	380.0	79.5
309	5.0	216.9	72.9	8	.1	378.1	79.5	73	-1.1	380.0	79.5
310	5.0	221.9	73.9	9	.5	378.6	79.5	74	-1.4	380.0	79.5
311	5.0	226.9	74.9	10	.2	378.9	79.5	75	-1.4	380.0	79.5
312	4.8	231.7	75.7	11	.5	379.4	79.5	76	-1.3	380.0	79.5
313	4.7	236.4	76.4	12	.2	379.6	79.5	77	-1.2	380.0	79.5
314	4.7	241.0	77.0	13	.3	379.9	79.5				
315	4.6	245.6	77.6	14	.1	379.9	79.5				
316	4.4	250.1	78.1	15	.0	379.9	79.5				
317	4.2	254.3	78.3	16	.0	380.0	79.5				
318	4.0	258.2	78.3	17	-.3	380.0	79.5				
319	4.3	262.6	78.6	18	-.3	380.0	79.5				
320	4.2	266.8	78.8	19	-.4	380.0	79.5				
321	4.2	270.9	79.0	20	-.4	380.0	79.5				
322	4.2	275.1	79.2	21	-.5	380.0	79.5				
323	4.2	279.3	79.3	22	-.5	380.0	79.5				
324	4.2	283.5	79.5	23	-.6	380.0	79.5				
325	4.0	287.4	79.5	24	-.3	380.0	79.5				
326	3.9	291.4	79.5	25	-.4	380.0	79.5				
327	3.5	294.9	79.5	26	-.8	380.0	79.5				
328	3.3	298.2	79.5	27	-1.0	380.0	79.5				
329	3.1	301.3	79.5	28	-1.0	380.0	79.5				
330	3.2	304.5	79.5	29	-1.1	380.0	79.5				
331	3.1	307.6	79.5	30	-1.1	380.0	79.5				
332	3.2	310.7	79.5	31	-1.1	380.0	79.5				
333	3.2	314.0	79.5	32	-1.2	380.0	79.5				
334	3.2	317.2	79.5	33	-1.3	380.0	79.5				
335	3.1	320.3	79.5	34	-1.3	380.0	79.5				
336	2.9	323.2	79.5	35	-1.2	380.0	79.5				
337	2.6	325.8	79.5	36	-1.2	380.0	79.5				
338	3.2	329.1	79.5	37	-1.1	380.0	79.5				

STN 106 DEPTH 5M







LA TABATIERE PQ (PETIT PASSAGE)
50.95N 58.93W 2000Z 30/09/88 - 1600Z 18/03/89
INST. 63922

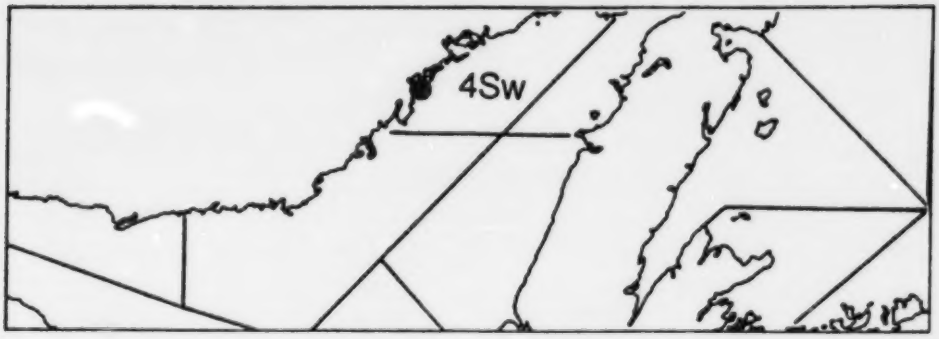
LA TABATIERE PQ (SCALLOP BAY)

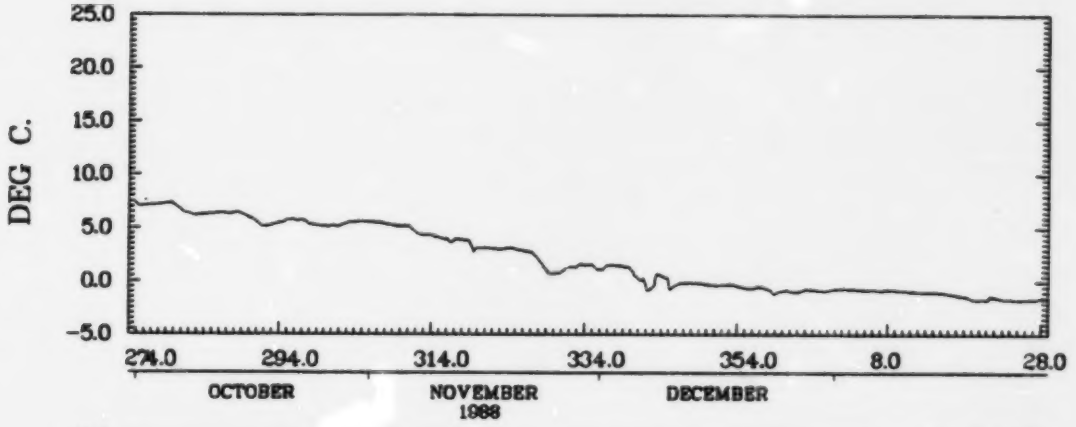
STA. 4SW 104

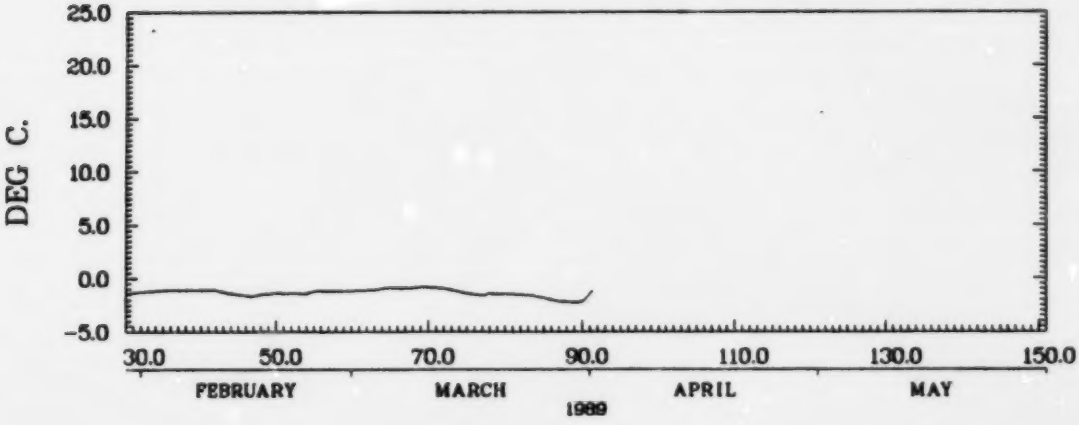
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
11.0M.	5.0M.	50.95	58.90	30/ 9/ 88	1/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	7.3	7.3	3.3	339	1.3	294.9	73.8	38	-1.1	296.2	73.8
275	7.1	14.4	6.4	340	.6	295.5	73.8	39	-1.1	296.2	73.8
276	7.1	21.5	9.5	341	.1	295.5	73.8	40	-1.1	296.2	73.8
277	7.2	28.7	12.7	342	-.7	295.5	73.8	41	-1.1	296.2	73.8
278	7.2	35.9	15.9	343	.4	295.9	73.8	42	-1.2	296.2	73.8
279	7.3	43.2	19.2	344	.3	296.2	73.8	43	-1.4	296.2	73.8
280	6.9	50.0	22.0	345	-.5	296.2	73.8	44	-1.5	296.2	73.8
281	6.4	56.4	24.4	346	-.2	296.2	73.8	45	-1.6	296.2	73.8
282	6.2	62.7	26.7	347	-.1	296.2	73.8	46	-1.7	296.2	73.8
283	6.2	68.9	28.9	348	-.2	296.2	73.8	47	-1.6	296.2	73.8
284	6.3	75.2	31.2	349	-.2	296.2	73.8	48	-1.5	296.2	73.8
285	6.3	81.5	33.5	350	-.3	296.2	73.8	49	-1.4	296.2	73.8
286	6.4	87.9	35.9	351	-.4	296.2	73.8	50	-1.4	296.2	73.8
287	6.3	94.2	38.2	352	-.3	296.2	73.8	51	-1.4	296.2	73.8
288	6.4	100.6	40.6	353	-.3	296.2	73.8	52	-1.4	296.2	73.8
289	6.1	106.7	42.7	354	-.5	296.2	73.8	53	-1.4	296.2	73.8
290	5.8	112.5	44.5	355	-.7	296.2	73.8	54	-1.3	296.2	73.8
291	5.3	117.7	45.7	356	-.5	296.2	73.8	55	-1.2	296.2	73.8
292	5.2	122.9	46.9	357	-.6	296.2	73.8	56	-1.2	296.2	73.8
293	5.4	128.3	48.3	358	-1.0	296.2	73.8	57	-1.2	296.2	73.8
294	5.5	133.8	49.8	359	-1.0	296.2	73.8	58	-1.2	296.2	73.8
295	5.8	139.6	51.6	360	-.9	296.2	73.8	59	-1.2	296.2	73.8
296	5.7	145.3	53.3	361	-1.0	296.2	73.8	60	-1.2	296.2	73.8
297	5.5	150.8	54.8	362	-.9	296.2	73.8	61	-1.1	296.2	73.8
298	5.3	156.1	56.1	363	-.8	296.2	73.8	62	-1.1	296.2	73.8
299	5.2	161.3	57.3	364	-.8	296.2	73.8	63	-1.0	296.2	73.8
300	5.1	166.4	58.4	365	-.9	296.2	73.8	64	-.9	296.2	73.8
301	5.2	171.6	59.6	366	-.8	296.2	73.8	65	-.9	296.2	73.8
302	5.3	176.9	60.9	1	-.7	296.2	73.8	66	-.9	296.2	73.8
303	5.5	182.4	62.4	2	-.7	296.2	73.8	67	-.9	296.2	73.8
304	5.6	187.9	63.9	3	-.7	296.2	73.8	68	-.9	296.2	73.8
305	5.5	193.5	65.5	4	-.8	296.2	73.8	69	-.8	296.2	73.8
306	5.5	199.0	67.0	5	-.8	296.2	73.8	70	-.9	296.2	73.8
307	5.4	204.4	68.4	6	-.8	296.2	73.8	71	-.9	296.2	73.8
308	5.3	209.7	69.7	7	-.8	296.2	73.8	72	-1.0	296.2	73.8
309	5.2	214.9	70.9	8	-.8	296.2	73.8	73	-1.2	296.2	73.8
310	5.1	220.1	72.1	9	-.8	296.2	73.8	74	-1.3	296.2	73.8
311	4.9	224.9	72.9	10	-.9	296.2	73.8	75	-1.5	296.2	73.8
312	4.4	229.3	73.3	11	-1.0	296.2	73.8	76	-1.5	296.2	73.8
313	4.3	233.6	73.6	12	-1.0	296.2	73.8	77	-1.5	296.2	73.8
314	4.2	237.8	73.8	13	-1.0	296.2	73.8	78	-1.5	296.2	73.8
315	3.9	241.7	73.8	14	-1.0	296.2	73.8	79	-1.5	296.2	73.8
316	3.7	245.4	73.8	15	-1.1	296.2	73.8	80	-1.5	296.2	73.8
317	3.9	249.3	73.8	16	-1.2	296.2	73.8	81	-1.5	296.2	73.8
318	3.8	253.1	73.8	17	-1.3	296.2	73.8	82	-1.6	296.2	73.8
319	3.1	256.2	73.8	18	-1.5	296.2	73.8	83	-1.7	296.2	73.8
320	3.1	259.3	73.8	19	-1.7	296.2	73.8	84	-1.8	296.2	73.8
321	3.1	262.4	73.8	20	-1.7	296.2	73.8	85	-1.9	296.2	73.8
322	3.0	265.4	73.8	21	-1.5	296.2	73.8	86	-2.1	296.2	73.8
323	3.0	268.4	73.8	22	-1.5	296.2	73.8	87	-2.2	296.2	73.8
324	3.1	271.5	73.8	23	-1.7	296.2	73.8	88	-2.2	296.2	73.8
325	2.9	274.4	73.8	24	-1.7	296.2	73.8	89	-2.2	296.2	73.8
326	2.8	277.2	73.8	25	-1.7	296.2	73.8	90	-1.8	296.2	73.8
327	2.4	279.5	73.8	26	-1.7	296.2	73.8	91	-1.3	296.2	73.8
328	1.5	281.0	73.8	27	-1.6	296.2	73.8				
329	.8	281.8	73.8	28	-1.6	296.2	73.8				
330	.8	282.6	73.8	29	-1.5	296.2	73.8				
331	1.2	283.8	73.8	30	-1.4	296.2	73.8				
332	1.3	285.1	73.8	31	-1.3	296.2	73.8				
333	1.5	286.7	73.8	32	-1.2	296.2	73.8				
334	1.5	288.2	73.8	33	-1.2	296.2	73.8				
335	1.2	289.4	73.8	34	-1.1	296.2	73.8				
336	1.3	290.7	73.8	35	-1.1	296.2	73.8				
337	1.5	292.2	73.8	36	-1.1	296.2	73.8				
338	1.4	293.6	73.8	37	-1.1	296.2	73.8				

STN 104 DEPTH 5M







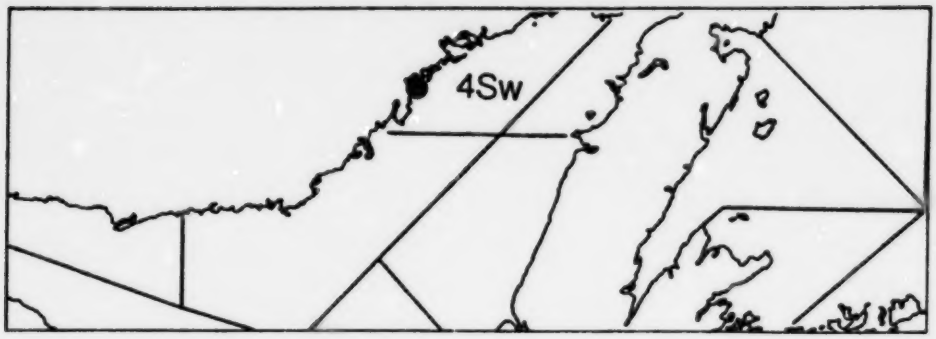
LA TABATIERE PQ (SCALLOP BAY)
50.95N 58.90W 1500Z 30/09/88 - 0700Z 01/04/89
INST. 63761

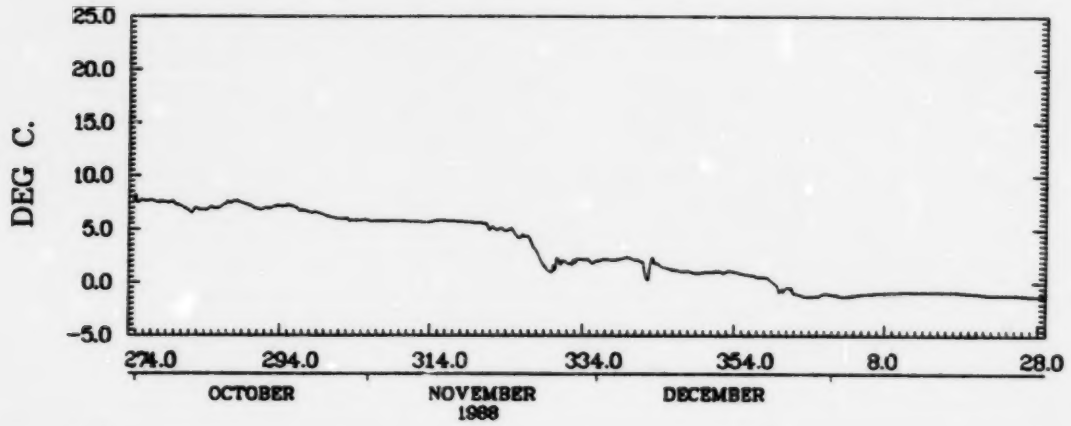
LA TABATIERE PQ (SCALLOP BAY) STA. 4SW 105

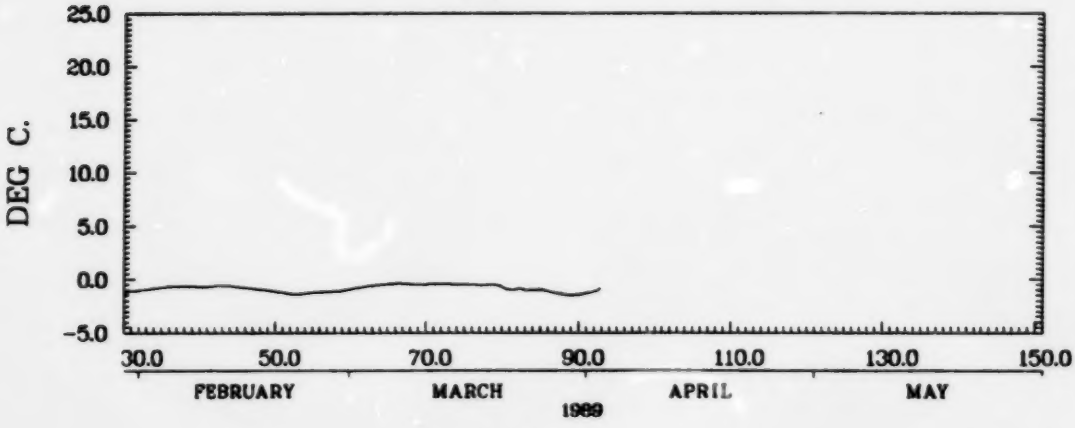
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
11.0M.	10.0M.	50.95	58.90	30/ 9/ 88	2/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	7.9	7.9	3.9	339	2.3	363.1	124.3	38	-.6	383.9	124.3
275	7.6	15.5	7.5	340	2.2	365.2	124.3	39	-.7	383.9	124.3
276	7.7	23.2	11.2	341	2.0	367.3	124.3	40	-.7	383.9	124.3
277	7.6	30.8	14.8	342	.9	368.1	124.3	41	-.6	383.9	124.3
278	7.6	38.3	18.3	343	1.9	370.1	124.3	42	-.6	383.9	124.3
279	7.5	45.9	21.9	344	1.5	371.5	124.3	43	-.6	383.9	124.3
280	7.2	53.1	25.1	345	1.3	372.8	124.3	44	-.7	383.9	124.3
281	6.9	60.0	28.0	346	1.1	373.9	124.3	45	-.7	383.9	124.3
282	6.8	66.8	30.8	347	1.1	374.9	124.3	46	-.8	383.9	124.3
283	6.8	73.6	33.6	348	.9	375.9	124.3	47	-.9	383.9	124.3
284	7.0	80.5	36.5	349	.9	376.8	124.3	48	-1.0	383.9	124.3
285	7.0	87.5	39.5	350	1.0	377.8	124.3	49	-1.1	383.9	124.3
286	7.3	94.8	42.8	351	1.0	378.8	124.3	50	-1.2	383.9	124.3
287	7.5	102.4	46.4	352	1.0	379.8	124.3	51	-1.3	383.9	124.3
288	7.6	109.9	49.9	353	1.1	380.8	124.3	52	-1.4	383.9	124.3
289	7.3	117.2	53.2	354	.9	381.7	124.3	53	-1.3	383.9	124.3
290	7.0	124.3	56.3	355	.7	382.5	124.3	54	-1.3	383.9	124.3
291	6.9	131.1	59.1	356	.6	383.1	124.3	55	-1.2	383.9	124.3
292	7.0	138.1	62.1	357	.5	383.6	124.3	56	-1.2	383.9	124.3
293	7.2	145.3	65.3	358	.3	383.9	124.3	57	-1.1	383.9	124.3
294	7.2	152.5	68.5	359	-.4	383.9	124.3	58	-1.1	383.9	124.3
295	7.2	159.6	71.6	360	-.7	383.9	124.3	59	-1.0	383.9	124.3
296	6.8	166.5	74.5	361	-.7	383.9	124.3	60	-.8	383.9	124.3
297	6.7	173.1	77.1	362	-1.1	383.9	124.3	61	-.7	383.9	124.3
298	6.6	179.7	79.7	363	-1.3	383.9	124.3	62	-.6	383.9	124.3
299	6.4	186.1	82.1	364	-1.3	383.9	124.3	63	-.5	383.9	124.3
300	6.2	192.3	84.3	365	-1.1	383.9	124.3	64	-.5	383.9	124.3
301	6.0	198.3	86.3	366	-1.1	383.9	124.3	65	-.4	383.9	124.3
302	6.0	204.3	88.3	1	-1.2	383.9	124.3	66	-.4	383.9	124.3
303	5.8	210.1	90.1	2	-1.3	383.9	124.3	67	-.4	383.9	124.3
304	5.8	215.9	91.9	3	-1.2	383.9	124.3	68	-.5	383.9	124.3
305	5.8	221.8	93.8	4	-1.1	383.9	124.3	69	-.5	383.9	124.3
306	5.7	227.5	95.5	5	-1.1	383.9	124.3	70	-.4	383.9	124.3
307	5.8	233.3	97.3	6	-1.0	383.9	124.3	71	-.4	383.9	124.3
308	5.8	239.0	99.0	7	-1.0	383.9	124.3	72	-.4	383.9	124.3
309	5.8	244.8	100.8	8	-1.0	383.9	124.3	73	-.5	383.9	124.3
310	5.7	250.5	102.5	9	-.9	383.9	124.3	74	-.5	383.9	124.3
311	5.7	256.3	104.3	10	-.9	383.9	124.3	75	-.5	383.9	124.3
312	5.7	261.9	105.9	11	-.9	383.9	124.3	76	-.5	383.9	124.3
313	5.7	267.6	107.6	12	-.9	383.9	124.3	77	-.5	383.9	124.3
314	5.8	273.4	109.4	13	-.9	383.9	124.3	78	-.5	383.9	124.3
315	5.8	279.2	111.2	14	-.9	383.9	124.3	79	-.6	383.9	124.3
316	5.8	284.9	112.9	15	-.9	383.9	124.3	80	-.9	383.9	124.3
317	5.7	290.6	114.6	16	-.9	383.9	124.3	81	-1.0	383.9	124.3
318	5.7	296.3	116.3	17	-.9	383.9	124.3	82	-.9	383.9	124.3
319	5.6	301.9	117.9	18	-1.0	383.9	124.3	83	-1.0	383.9	124.3
320	5.6	307.5	119.5	19	-1.0	383.9	124.3	84	-1.0	383.9	124.3
321	5.2	312.7	120.7	20	-1.1	383.9	124.3	85	-1.0	383.9	124.3
322	5.0	317.7	121.7	21	-1.1	383.9	124.3	86	-1.2	383.9	124.3
323	5.0	322.7	122.7	22	-1.2	383.9	124.3	87	-1.4	383.9	124.3
324	4.9	327.6	123.6	23	-1.2	383.9	124.3	88	-1.5	383.9	124.3
325	4.3	331.9	123.9	24	-1.1	383.9	124.3	89	-1.5	383.9	124.3
326	4.3	336.3	124.3	25	-1.2	383.9	124.3	90	-1.4	383.9	124.3
327	3.3	339.6	124.3	26	-1.2	383.9	124.3	91	-1.2	383.9	124.3
328	2.0	341.7	124.3	27	-1.3	383.9	124.3	92	-1.0	383.9	124.3
329	1.1	342.8	124.3	28	-1.3	383.9	124.3				
330	1.7	344.5	124.3	29	-1.2	383.9	124.3				
331	1.9	346.4	124.3	30	-1.2	383.9	124.3				
332	1.8	348.2	124.3	31	-1.1	383.9	124.3				
333	2.2	350.4	124.3	32	-1.0	383.9	124.3				
334	2.1	352.5	124.3	33	-.9	383.9	124.3				
335	1.9	354.4	124.3	34	-.8	383.9	124.3				
336	2.1	356.5	124.3	35	-.7	383.9	124.3				
337	2.1	358.6	124.3	36	-.6	383.9	124.3				
338	2.1	360.8	124.3	37	-.6	383.9	124.3				

STN 105 DEPTH 10M







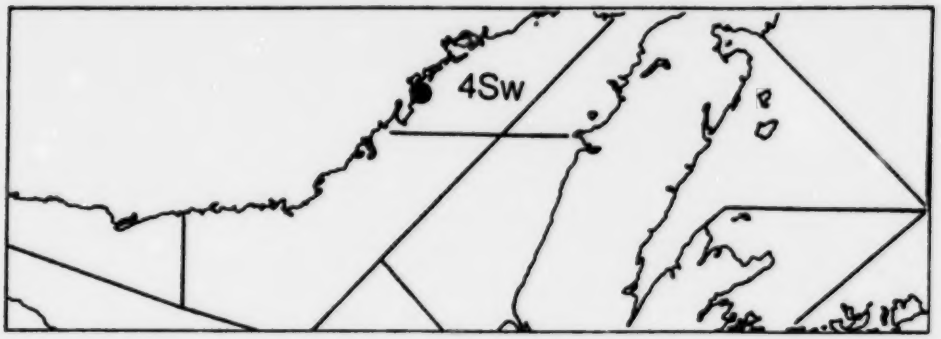
LA TABATIERE PQ (SCALLOP BAY)
50.95N 58.90W 1500Z 30/09/88 - 1900Z 02/04/89
INST. 63762

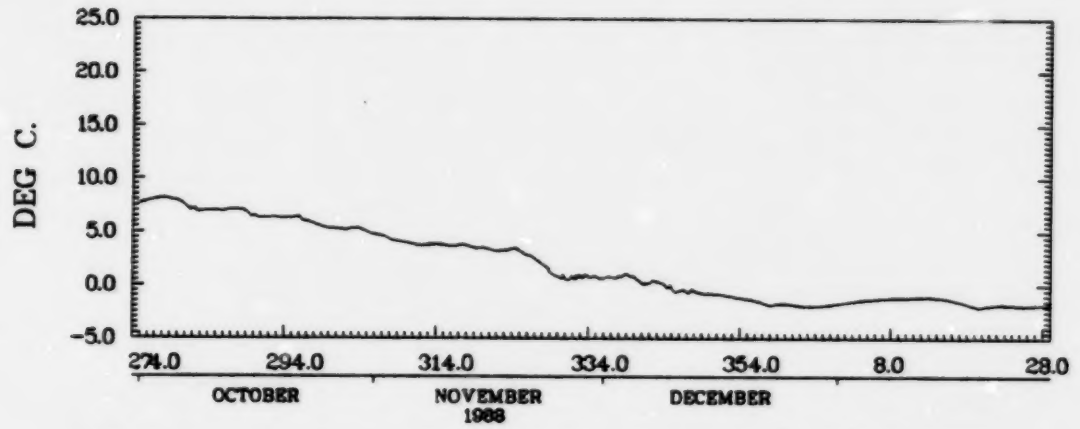
LA TABATIERE PQ (TRAINO BAY) STA. 4SW 107

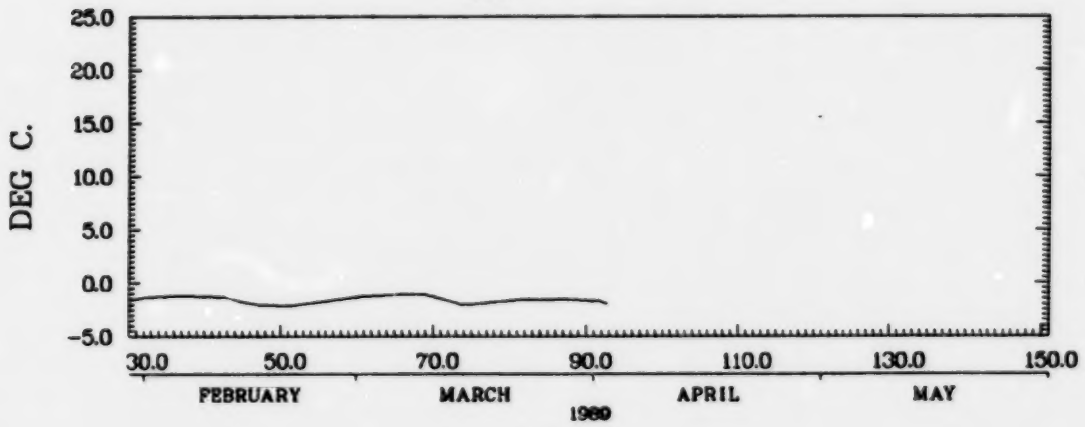
WATER DEPTH 12.0M. INST DEPTH 10.0M. LATITUDE 50.98 LONGITUDE 58.90 FROM 30/ 9/ 88 TO 2/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	7.6	7.6	3.6	339	.9	298.6	82.9	38	-1.2	299.8	82.9
275	7.8	15.4	7.4	340	.5	299.0	82.9	39	-1.2	299.8	82.9
276	8.0	23.4	11.4	341	.2	299.2	82.9	40	-1.3	299.8	82.9
277	8.1	31.5	15.5	342	.4	299.6	82.9	41	-1.3	299.8	82.9
278	8.1	39.6	19.6	343	.2	299.8	82.9	42	-1.3	299.8	82.9
279	7.9	47.5	23.5	344	-.1	299.8	82.9	43	-1.5	299.8	82.9
280	7.7	55.2	27.2	345	-.5	299.8	82.9	44	-1.7	299.8	82.9
281	7.1	62.4	30.4	346	-.5	299.8	82.9	45	-1.8	299.8	82.9
282	7.0	69.3	33.3	347	-.5	299.8	82.9	46	-2.0	299.8	82.9
283	7.0	76.3	36.3	348	-.7	299.8	82.9	47	-2.1	299.8	82.9
284	7.0	83.3	39.3	349	-.8	299.8	82.9	48	-2.1	299.8	82.9
285	6.9	90.2	42.2	350	-.8	299.8	82.9	49	-2.1	299.8	82.9
286	7.0	97.2	45.2	351	-.9	299.8	82.9	50	-2.1	299.8	82.9
287	7.1	104.3	48.3	352	-1.0	299.8	82.9	51	-2.1	299.8	82.9
288	7.0	111.3	51.3	353	-1.1	299.8	82.9	52	-2.0	299.8	82.9
289	6.6	117.9	53.9	354	-1.2	299.8	82.9	53	-1.9	299.8	82.9
290	6.4	124.2	56.2	355	-1.3	299.8	82.9	54	-1.9	299.8	82.9
291	6.3	130.5	58.5	356	-1.5	299.8	82.9	55	-1.8	299.8	82.9
292	6.3	136.9	60.9	357	-1.7	299.8	82.9	56	-1.7	299.8	82.9
293	6.3	143.2	63.2	358	-1.8	299.8	82.9	57	-1.6	299.8	82.9
294	6.3	149.5	65.5	359	-1.7	299.8	82.9	58	-1.5	299.8	82.9
295	6.4	155.8	67.8	360	-1.7	299.8	82.9	59	-1.4	299.8	82.9
296	6.1	161.9	69.9	361	-1.9	299.8	82.9	60	-1.3	299.8	82.9
297	5.9	167.8	71.8	362	-1.9	299.8	82.9	61	-1.2	299.8	82.9
298	5.6	173.4	73.4	363	-1.9	299.8	82.9	62	-1.2	299.8	82.9
299	5.4	178.7	74.7	364	-1.9	299.8	82.9	63	-1.2	299.8	82.9
300	5.3	184.0	76.0	365	-1.8	299.8	82.9	64	-1.1	299.8	82.9
301	5.2	189.2	77.2	366	-1.7	299.8	82.9	65	-1.1	299.8	82.9
302	5.2	194.5	78.5	1	-1.6	299.8	82.9	66	-1.1	299.8	82.9
303	5.3	199.8	79.8	2	-1.5	299.8	82.9	67	-1.1	299.8	82.9
304	5.1	204.9	80.9	3	-1.4	299.8	82.9	68	-1.1	299.8	82.9
305	4.8	209.7	81.7	4	-1.4	299.8	82.9	69	-1.2	299.8	82.9
306	4.6	214.3	82.3	5	-1.3	299.8	82.9	70	-1.4	299.8	82.9
307	4.4	218.7	82.7	6	-1.2	299.8	82.9	71	-1.6	299.8	82.9
308	4.2	222.9	82.9	7	-1.2	299.8	82.9	72	-1.8	299.8	82.9
309	4.0	226.9	82.9	8	-1.2	299.8	82.9	73	-2.0	299.8	82.9
310	3.9	230.8	82.9	9	-1.2	299.8	82.9	74	-2.0	299.8	82.9
311	3.7	234.5	82.9	10	-1.1	299.8	82.9	75	-2.0	299.8	82.9
312	3.7	238.3	82.9	11	-1.1	299.8	82.9	76	-1.9	299.8	82.9
313	3.8	242.1	82.9	12	-1.1	299.8	82.9	77	-1.8	299.8	82.9
314	3.8	245.8	82.9	13	-1.1	299.8	82.9	78	-1.8	299.8	82.9
315	3.7	249.5	82.9	14	-1.2	299.8	82.9	79	-1.7	299.8	82.9
316	3.7	253.2	82.9	15	-1.3	299.8	82.9	80	-1.6	299.8	82.9
317	3.7	256.9	82.9	16	-1.4	299.8	82.9	81	-1.6	299.8	82.9
318	3.6	260.5	82.9	17	-1.6	299.8	82.9	82	-1.6	299.8	82.9
319	3.4	263.9	82.9	18	-1.8	299.8	82.9	83	-1.6	299.8	82.9
320	3.4	267.4	82.9	19	-2.0	299.8	82.9	84	-1.6	299.8	82.9
321	3.2	270.6	82.9	20	-1.9	299.8	82.9	85	-1.6	299.8	82.9
322	3.2	273.8	82.9	21	-1.8	299.8	82.9	86	-1.5	299.8	82.9
323	3.3	277.1	82.9	22	-1.8	299.8	82.9	87	-1.5	299.8	82.9
324	3.4	280.5	82.9	23	-1.8	299.8	82.9	88	-1.6	299.8	82.9
325	3.0	283.4	82.9	24	-1.9	299.8	82.9	89	-1.6	299.8	82.9
326	2.7	286.1	82.9	25	-1.9	299.8	82.9	90	-1.7	299.8	82.9
327	2.2	288.3	82.9	26	-1.9	299.8	82.9	91	-1.7	299.8	82.9
328	1.6	289.9	82.9	27	-1.8	299.8	82.9	92	-1.9	299.8	82.9
329	.9	290.8	82.9	28	-1.8	299.8	82.9				
330	.7	291.6	82.9	29	-1.7	299.8	82.9				
331	.6	292.2	82.9	30	-1.6	299.8	82.9				
332	.8	293.0	82.9	31	-1.4	299.8	82.9				
333	.8	293.8	82.9	32	-1.3	299.8	82.9				
334	.8	294.6	82.9	33	-1.3	299.8	82.9				
335	.7	295.3	82.9	34	-1.2	299.8	82.9				
336	.7	296.0	82.9	35	-1.2	299.8	82.9				
337	.7	296.7	82.9	36	-1.2	299.8	82.9				
338	.9	297.7	82.9	37	-1.2	299.8	82.9				

STN 107 DEPTH 10M







LA TABATIERE PQ (TRAINO BAY)
50.98N 58.90W 1400Z 30/09/88 - 1800Z 02/04/89
INST. 63921

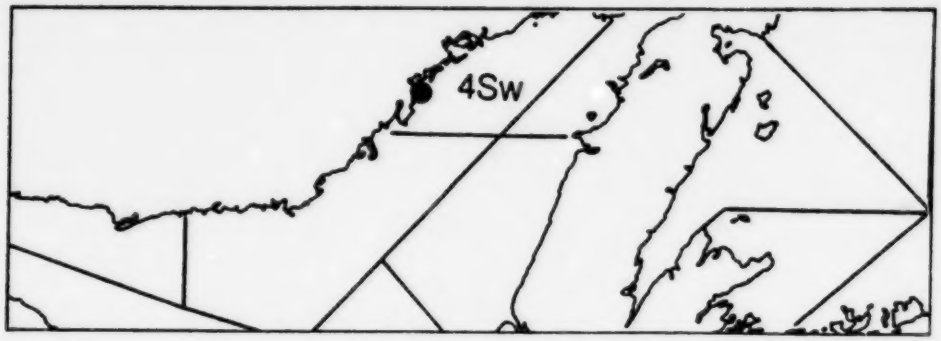
LA TABATIERE PQ (TRAINO BAY)

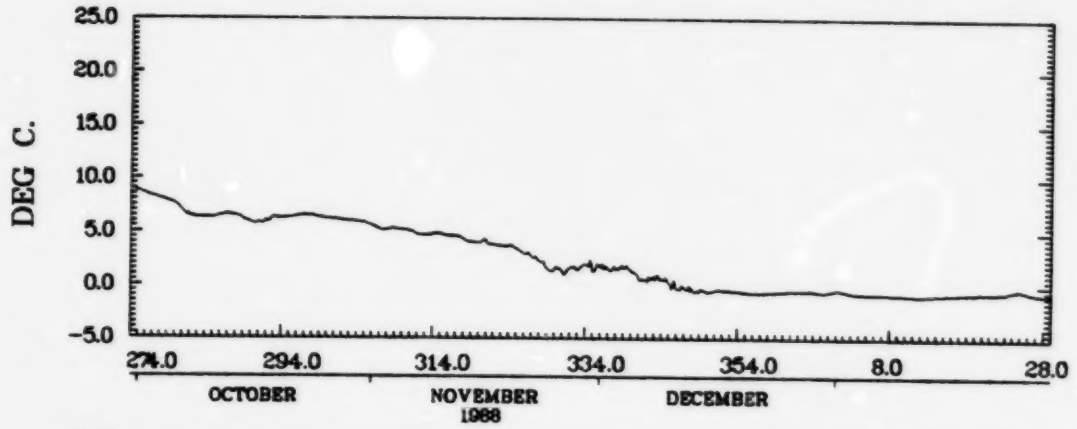
STA. 4SW 108

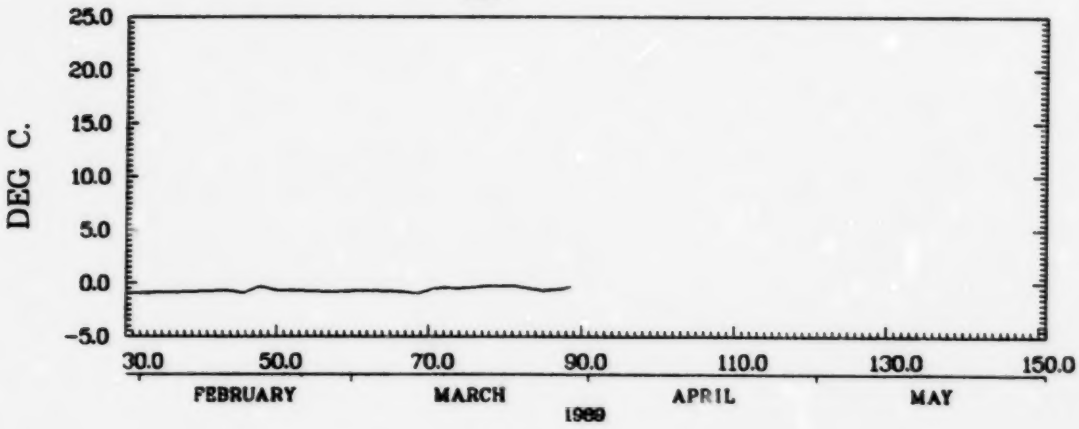
WATER DEPTH 12.0M. | INST DEPTH 5.0M. | LATITUDE 50.98 | LONGITUDE 58.90 | FROM 30/ 9/ 88 | TO 29/ 3/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
274	8.9	8.9	4.9	339	1.7	327.0	95.9	38	-.8	330.6	95.9
275	8.7	17.5	9.5	340	1.1	328.1	95.9	39	-.8	330.6	95.9
276	8.4	25.9	13.9	341	.6	328.6	95.9	40	-.8	330.6	95.9
277	8.2	34.1	18.1	342	.7	329.3	95.9	41	-.7	330.6	95.9
278	7.9	42.0	22.0	343	.7	330.0	95.9	42	-.7	330.6	95.9
279	7.7	49.7	25.7	344	.5	330.6	95.9	43	-.7	330.6	95.9
280	7.3	57.0	29.0	345	.0	330.6	95.9	44	-.8	330.6	95.9
281	6.6	63.7	31.7	346	-.2	330.6	95.9	45	-.9	330.6	95.9
282	6.4	70.0	34.0	347	-.3	330.6	95.9	46	-.7	330.6	95.9
283	6.3	76.3	36.3	348	-.5	330.6	95.9	47	-.4	330.6	95.9
284	6.3	82.7	38.7	349	-.4	330.6	95.9	48	-.4	330.6	95.9
285	6.4	89.1	41.1	350	-.5	330.6	95.9	49	-.6	330.6	95.9
286	6.6	95.6	43.6	351	-.4	330.6	95.9	50	-.7	330.6	95.9
287	6.5	102.2	46.2	352	-.4	330.6	95.9	51	-.7	330.6	95.9
288	6.4	108.5	48.5	353	-.5	330.6	95.9	52	-.7	330.6	95.9
289	6.0	114.5	50.5	354	-.6	330.6	95.9	53	-.7	330.6	95.9
290	5.8	120.3	52.3	355	-.6	330.6	95.9	54	-.7	330.6	95.9
291	5.9	126.2	54.2	356	-.7	330.6	95.9	55	-.8	330.6	95.9
292	6.1	132.3	56.3	357	-.6	330.6	95.9	56	-.8	330.6	95.9
293	6.3	138.5	58.5	358	-.6	330.6	95.9	57	-.8	330.6	95.9
294	6.3	144.8	60.8	359	-.6	330.6	95.9	58	-.8	330.6	95.9
295	6.4	151.2	63.2	360	-.5	330.6	95.9	59	-.7	330.6	95.9
296	6.5	157.6	65.6	361	-.5	330.6	95.9	60	-.7	330.6	95.9
297	6.5	164.2	68.2	362	-.5	330.6	95.9	61	-.7	330.6	95.9
298	6.4	170.5	70.5	363	-.5	330.6	95.9	62	-.7	330.6	95.9
299	6.3	176.8	72.8	364	-.6	330.6	95.9	63	-.7	330.6	95.9
300	6.2	183.0	75.0	365	-.6	330.6	95.9	64	-.7	330.6	95.9
301	6.1	189.1	77.1	366	-.5	330.6	95.9	65	-.8	330.6	95.9
302	6.0	195.1	79.1	1	-.4	330.6	95.9	66	-.8	330.6	95.9
303	6.0	201.1	81.1	2	-.6	330.6	95.9	67	-.9	330.6	95.9
304	5.9	207.0	83.0	3	-.7	330.6	95.9	68	-.9	330.6	95.9
305	5.7	212.6	84.6	4	-.7	330.6	95.9	69	-.8	330.6	95.9
306	5.4	218.0	86.0	5	-.8	330.6	95.9	70	-.6	330.6	95.9
307	5.2	223.2	87.2	6	-.8	330.6	95.9	71	-.4	330.6	95.9
308	5.3	228.5	88.5	7	-.8	330.6	95.9	72	-.4	330.6	95.9
309	5.2	233.7	89.7	8	-.8	330.6	95.9	73	-.5	330.6	95.9
310	5.1	238.8	90.8	9	-.9	330.6	95.9	74	-.5	330.6	95.9
311	4.9	243.8	91.8	10	-.9	330.6	95.9	75	-.4	330.6	95.9
312	4.7	248.4	92.4	11	-.9	330.6	95.9	76	-.3	330.6	95.9
313	4.7	253.2	93.2	12	-.9	330.6	95.9	77	-.3	330.6	95.9
314	4.8	258.0	94.0	13	-.9	330.6	95.9	78	-.2	330.6	95.9
315	4.7	262.6	94.6	14	-.8	330.6	95.9	79	-.3	330.6	95.9
316	4.6	267.2	95.2	15	-.8	330.6	95.9	80	-.3	330.6	95.9
317	4.5	271.7	95.7	16	-.8	330.6	95.9	81	-.3	330.6	95.9
318	4.1	275.8	95.8	17	-.7	330.6	95.9	82	-.4	330.6	95.9
319	4.0	279.8	95.8	18	-.7	330.6	95.9	83	-.5	330.6	95.9
320	4.1	283.9	95.9	19	-.7	330.6	95.9	84	-.6	330.6	95.9
321	3.8	287.8	95.9	20	-.7	330.6	95.9	85	-.7	330.6	95.9
322	3.7	291.5	95.9	21	-.6	330.6	95.9	86	-.6	330.6	95.9
323	3.6	295.1	95.9	22	-.6	330.6	95.9	87	-.5	330.6	95.9
324	3.6	298.7	95.9	23	-.5	330.6	95.9	88	-.4	330.6	95.9
325	3.1	301.9	95.9	24	-.4	330.6	95.9				
326	2.9	304.7	95.9	25	-.4	330.6	95.9				
327	2.5	307.2	95.9	26	-.6	330.6	95.9				
328	1.9	309.2	95.9	27	-.7	330.6	95.9				
329	1.4	310.6	95.9	28	-.8	330.6	95.9				
330	1.5	312.1	95.9	29	-.9	330.6	95.9				
331	1.3	313.4	95.9	30	-.9	330.6	95.9				
332	1.6	315.1	95.9	31	-.9	330.6	95.9				
333	1.8	316.8	95.9	32	-.9	330.6	95.9				
334	1.9	318.7	95.9	33	-.9	330.6	95.9				
335	1.7	320.4	95.9	34	-.9	330.6	95.9				
336	1.7	322.1	95.9	35	-.9	330.6	95.9				
337	1.6	323.7	95.9	36	-.9	330.6	95.9				
338	1.7	325.3	95.9	37	-.8	330.6	95.9				

STN 108 DEPTH 5M







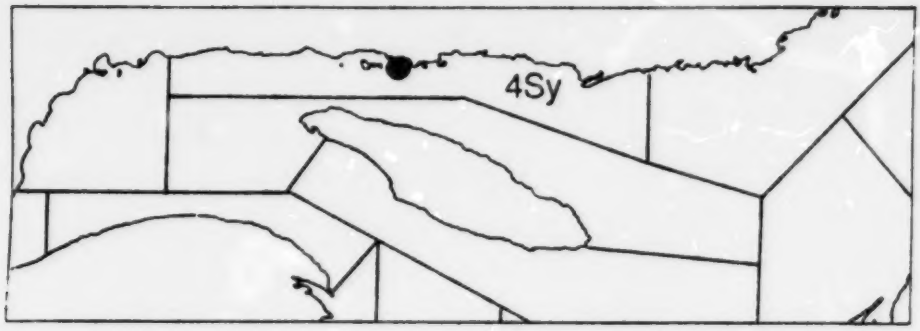
LA TABATIERE PQ (TRAINO BAY)
50.98N 58.90W 1400Z 30/09/88 - 1400Z 29/03/89
INST. 63920

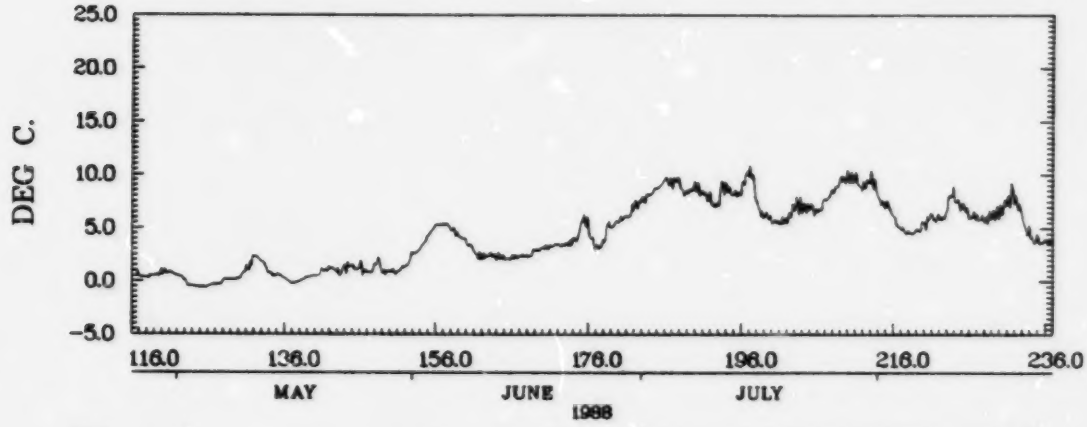
CAP AU CORBEAU PQ (LAVAL) STA. 4SY 118

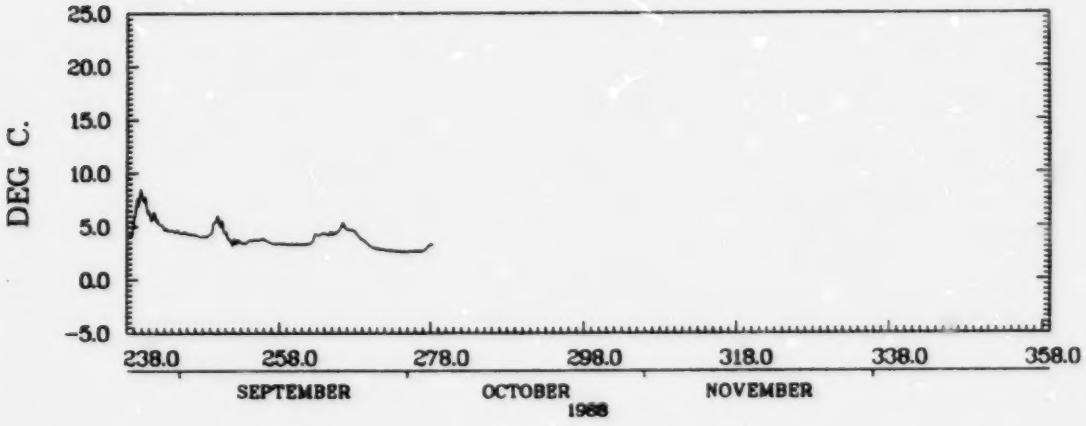
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
10.0M.	10.0M.	50.21	63.57	25/ 4/ 88	4/10/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
116	.8	.8	.0	181	6.4	135.4	12.5	246	4.3	583.3	201.2
117	.4	1.2	.0	182	7.4	142.8	15.9	247	4.1	587.4	201.3
118	.4	1.6	.0	183	7.9	150.7	19.8	248	4.1	591.6	201.5
119	.7	2.3	.0	184	8.4	159.1	24.2	249	5.2	596.8	202.7
120	.8	3.1	.0	185	9.0	168.2	29.3	250	5.0	601.8	203.7
121	.7	3.7	.0	186	9.5	177.7	34.8	251	3.8	605.6	203.7
122	.4	4.1	.0	187	9.4	187.1	40.2	252	3.7	609.2	203.7
123	-.3	4.1	.0	188	8.5	195.5	44.7	253	3.5	612.7	203.7
124	-.5	4.1	.0	189	8.7	204.3	49.4	254	3.7	616.5	203.7
125	-.6	4.1	.0	190	8.6	212.9	54.0	255	3.8	620.2	203.7
126	-.4	4.1	.0	191	8.0	220.9	58.0	256	3.6	623.9	203.7
127	-.3	4.1	.0	192	7.2	228.2	61.3	257	3.4	627.2	203.7
128	.1	4.2	.0	193	8.6	236.8	65.9	258	3.4	630.6	203.7
129	.2	4.4	.0	194	8.5	245.3	70.4	259	3.3	633.9	203.7
130	.6	5.0	.0	195	8.3	253.5	74.6	260	3.3	637.3	203.7
131	1.6	6.5	.0	196	9.7	263.2	80.3	261	3.3	640.6	203.7
132	2.2	8.7	.0	197	9.5	272.7	85.8	262	3.8	644.4	203.7
133	1.4	10.1	.0	198	6.7	279.3	88.4	263	4.3	648.7	204.0
134	.6	10.7	.0	199	6.2	285.5	90.6	264	4.3	653.0	204.3
135	.5	11.2	.0	200	5.6	291.1	92.2	265	4.4	657.4	204.7
136	.1	11.2	.0	201	5.7	296.8	93.9	266	5.0	662.5	205.7
137	-.1	11.2	.0	202	6.4	303.2	96.3	267	4.7	667.1	206.4
138	.1	11.4	.0	203	7.1	310.3	99.4	268	4.1	671.3	206.5
139	.4	11.8	.0	204	6.9	317.1	102.2	269	3.5	674.7	206.5
140	.6	12.4	.0	205	6.8	323.9	105.1	270	3.0	677.7	206.5
141	1.1	13.5	.0	206	7.0	331.0	108.1	271	2.8	680.6	206.5
142	1.1	14.6	.0	207	8.0	339.0	112.1	272	2.7	683.3	206.5
143	1.0	15.5	.0	208	8.8	347.8	116.9	273	2.7	686.0	206.5
144	1.3	16.9	.0	209	9.7	357.5	122.6	274	2.6	688.6	206.5
145	1.2	18.1	.0	210	9.7	367.2	128.3	275	2.6	691.2	206.5
146	1.2	19.3	.0	211	9.2	376.3	133.4	276	2.7	693.9	206.5
147	1.0	20.2	.0	212	9.2	385.6	138.7	277	3.0	696.9	206.5
148	1.6	21.9	.0	213	9.1	394.7	143.8	278	3.3	700.2	206.5
149	.9	22.7	.0	214	7.4	402.1	147.2				
150	.9	23.6	.0	215	6.9	409.0	150.2				
151	1.1	24.8	.0	216	5.5	414.5	151.6				
152	1.8	26.6	.0	217	4.7	419.3	152.4				
153	2.7	29.3	.0	218	4.6	423.9	153.0				
154	3.6	32.9	.0	219	5.1	429.0	154.1				
155	4.7	37.6	.7	220	5.8	434.8	155.9				
156	5.3	42.9	2.0	221	6.0	440.7	157.8				
157	5.2	48.2	3.3	222	6.1	446.8	159.9				
158	4.6	52.8	3.9	223	8.0	454.7	163.9				
159	4.1	56.8	4.0	224	7.3	462.0	167.1				
160	3.3	60.1	4.0	225	6.8	468.8	169.9				
161	2.5	62.6	4.0	226	6.1	474.9	172.0				
162	2.3	64.9	4.0	227	6.0	480.9	174.0				
163	2.4	67.3	4.0	228	6.0	486.9	176.0				
164	2.3	69.6	4.0	229	6.5	493.4	178.5				
165	2.1	71.7	4.0	230	7.0	500.4	181.5				
166	2.3	74.0	4.0	231	8.0	508.5	185.6				
167	2.4	76.4	4.0	232	7.1	515.6	188.7				
168	2.6	79.0	4.0	233	5.1	520.7	189.8				
169	3.0	82.0	4.0	234	4.0	524.7	189.8				
170	3.2	85.2	4.0	235	3.8	528.4	189.8				
171	3.4	88.6	4.0	236	3.7	532.1	189.8				
172	3.4	92.0	4.0	237	3.8	535.9	189.8				
173	3.6	95.6	4.0	238	4.2	540.1	190.0				
174	4.3	99.9	4.2	239	7.2	547.3	193.2				
175	5.7	105.6	6.0	240	7.1	554.4	196.3				
176	3.8	109.5	6.0	241	5.9	560.3	198.2				
177	3.4	112.8	6.0	242	5.1	565.4	199.4				
178	4.8	117.7	6.8	243	4.7	570.1	200.0				
179	5.4	123.1	8.2	244	4.5	574.7	200.6				
180	5.9	129.0	10.1	245	4.4	579.0	201.0				

STN 118 DEPTH 10M







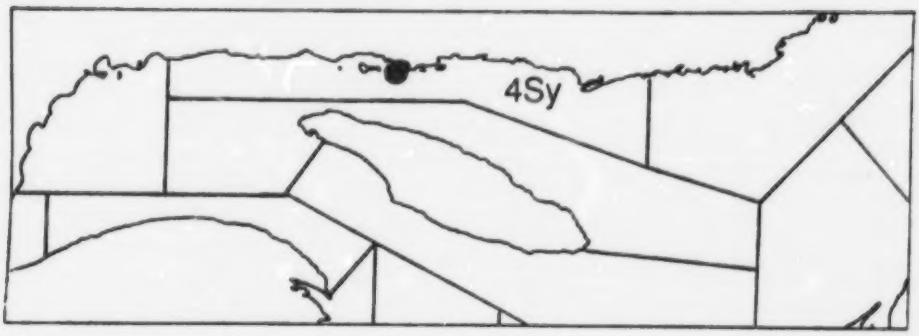
CAP AU CORBEAU PQ (LAVAL)
50.21N 63.57W 1700Z 25/04/88 - 0500Z 04/10/88
INST. 63912

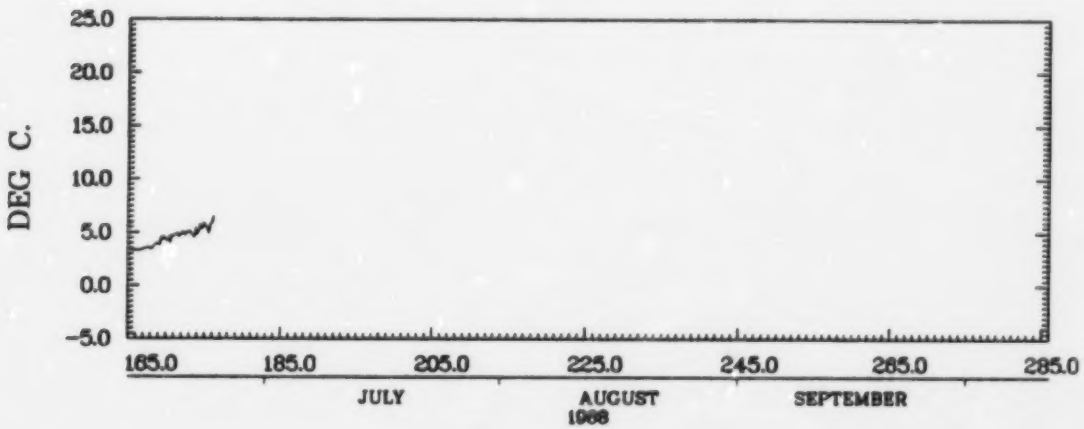
CAP AU CORBEAU PQ (LAVAL) STA. 4SY 119

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
1.0M.	1.0M.	50.21	63.57	13/ 6/ 88	24/ 6/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
165	3.3	3.3	.0								
166	3.3	6.7	.0								
167	3.5	10.2	.0								
168	3.7	13.9	.0								
169	4.3	18.1	.3								
170	4.4	22.5	.6								
171	4.8	27.3	1.4								
172	4.9	32.2	2.3								
173	4.9	37.2	3.3								
174	5.4	42.5	4.7								
175	5.5	48.0	6.2								
176	6.2	54.2	8.3								

STN 119 DEPTH 1M





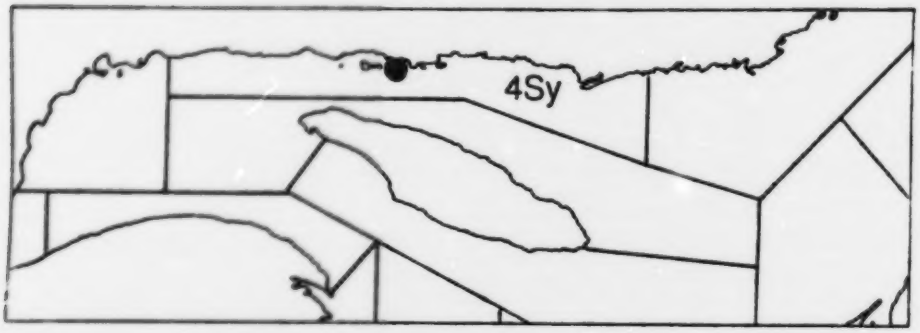
CAP AU CORBEAU PQ (LAVAL)
50.21N 63.57W 1200Z 13/06/88 - 0400Z 24/06/88
INST. 61672

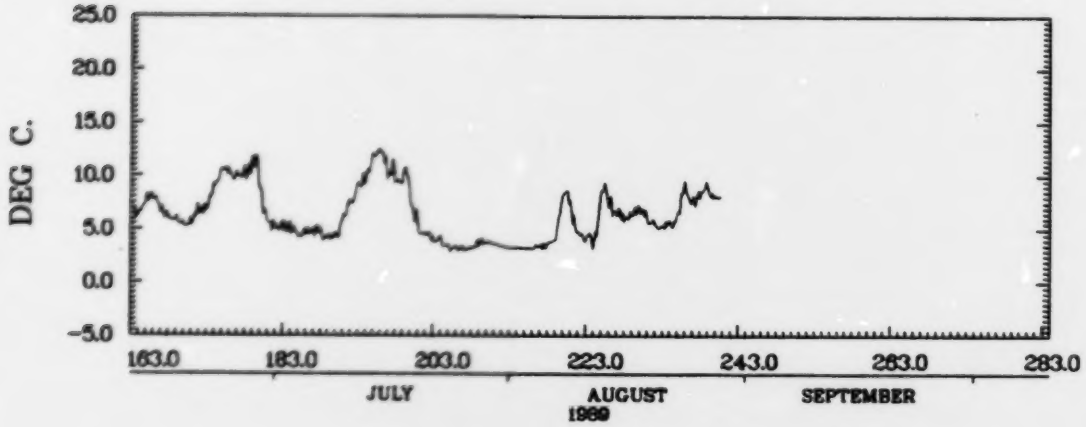
CAP AU CORBEAU PQ (LAVAL) STA. 4SY 138

WATER DEPTH 3.0M.	INST DEPTH 3.0M.	LATITUDE 50.33	LONGITUDE 63.95	FROM 12/ 6/ 89	TO 28/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
163	6.4	6.4	2.4	228	6.3	411.8	156.6				
164	7.0	13.4	5.4	229	6.9	418.7	159.5				
165	8.0	21.4	9.4	230	6.6	425.3	162.0				
166	7.4	28.8	12.8	231	5.7	430.9	163.7				
167	6.4	35.2	15.2	232	5.3	436.2	165.0				
168	5.9	41.1	17.1	233	5.5	441.7	166.5				
169	5.7	46.8	18.8	234	5.7	447.4	168.2				
170	5.4	52.3	20.3	235	8.1	455.5	172.3				
171	6.4	58.7	22.7	236	7.9	463.5	176.2				
172	6.8	65.5	25.5	237	8.0	471.5	180.3				
173	8.0	73.5	29.5	238	8.9	480.4	185.2				
174	9.7	83.2	35.2	239	8.2	488.6	189.4				
175	10.5	93.7	41.7	240	8.0	496.7	193.5				
176	10.0	103.7	47.7								
177	10.1	113.8	53.8								
178	10.6	124.4	60.4								
179	10.8	135.2	67.2								
180	7.1	142.3	70.3								
181	5.4	147.7	71.7								
182	5.2	152.9	72.9								
183	5.2	158.1	74.1								
184	4.7	162.8	74.8								
185	4.5	167.3	75.3								
186	4.7	172.1	76.1								
187	4.8	176.9	76.9								
188	4.2	181.1	77.1								
189	4.3	185.4	77.4								
190	4.9	190.3	78.3								
191	6.9	197.2	81.2								
192	8.1	205.4	85.4								
193	9.3	214.7	90.7								
194	10.8	225.5	97.5								
195	12.1	237.7	105.7								
196	11.3	249.0	113.0								
197	10.4	259.4	119.4								
198	9.4	268.8	124.8								
199	9.9	278.7	130.7								
200	6.5	285.2	133.2								
201	4.6	289.8	133.8								
202	4.4	294.2	134.2								
203	4.0	298.1	134.2								
204	3.5	301.7	134.2								
205	3.2	304.9	134.2								
206	3.2	308.1	134.2								
207	3.1	311.2	134.2								
208	3.4	314.6	134.2								
209	3.9	318.5	134.2								
210	3.7	322.2	134.2								
211	3.5	325.7	134.2								
212	3.3	329.0	134.2								
213	3.2	332.3	134.2								
214	3.2	335.5	134.2								
215	3.2	338.7	134.2								
216	3.4	342.1	134.2								
217	3.5	345.5	134.2								
218	3.9	349.4	134.2								
219	6.2	355.6	136.4								
220	8.2	363.8	140.5								
221	5.7	369.4	142.2								
222	4.3	373.8	142.5								
223	4.2	377.9	142.7								
224	5.8	383.7	144.5								
225	8.5	392.2	148.9								
226	7.0	399.2	152.0								
227	6.4	405.6	154.4								

STN 130 DEPTH 3M





CAP AU CORBEAU PQ (LAVAL)
50.33N 63.95W 1400Z 12/06/89 - 1400Z 28/08/89
INST. 63807

CAP AU CORBEAU PQ (LAVAL)

STA. 4SY 131

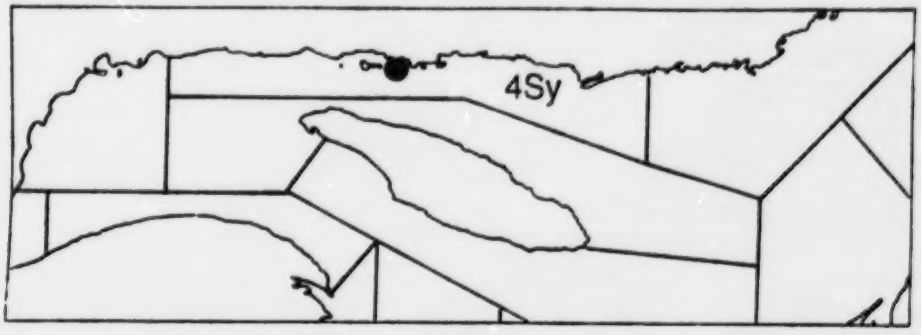
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE
18.2M.	18.0M.	50.33	63.95

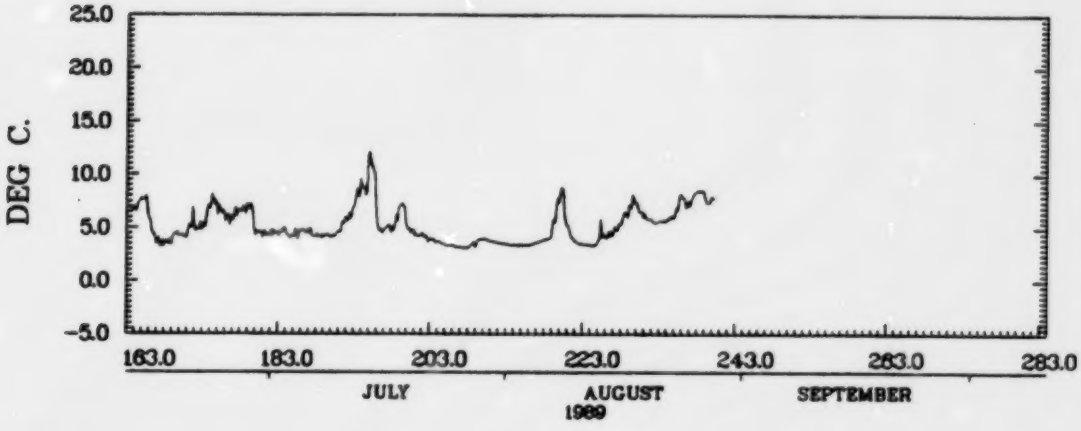
FROM	TO
12/ 6/ 89	28/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
163	6.8	6.8	2.8
164	7.2	14.0	6.0
165	7.3	21.3	9.3
166	4.4	25.7	9.7
167	3.6	29.3	9.7
168	3.6	32.9	9.7
169	4.3	37.3	10.1
170	4.2	41.4	10.2
171	5.4	46.8	11.6
172	4.9	51.7	12.5
173	6.0	57.7	14.5
174	7.4	65.2	18.0
175	6.5	71.7	20.5
176	5.9	77.6	22.4
177	6.5	84.0	24.8
178	6.8	90.8	27.6
179	6.3	97.1	29.9
180	4.4	101.5	30.3
181	4.4	105.9	30.7
182	4.6	110.5	31.3
183	4.6	115.1	31.9
184	4.2	119.3	32.1
185	4.5	123.8	32.6
186	4.7	128.5	33.3
187	4.4	132.9	33.7
188	4.2	137.1	33.9
189	4.3	141.4	34.2
190	4.3	145.7	34.5
191	5.3	151.0	35.8
192	6.2	157.2	38.0
193	8.2	165.4	42.2
194	9.1	174.5	47.3
195	10.3	184.8	53.6
196	4.8	189.6	54.4
197	5.0	194.6	55.4
198	5.6	200.3	57.1
199	6.8	207.1	59.9
200	4.8	211.8	60.6
201	4.3	216.1	60.9
202	4.1	220.2	61.0
203	3.8	224.0	61.0
204	3.5	227.6	61.0
205	3.3	230.9	61.0
206	3.2	234.1	61.0
207	3.1	237.2	61.0
208	3.4	240.6	61.0
209	3.8	244.4	61.0
210	3.9	248.2	61.0
211	3.6	251.9	61.0
212	3.5	255.4	61.0
213	3.4	258.8	61.0
214	3.4	262.2	61.0
215	3.4	265.6	61.0
216	3.5	269.1	61.0
217	3.7	272.8	61.0
218	4.0	276.8	61.0
219	6.5	283.2	63.5
220	7.1	290.3	66.6
221	4.4	294.7	67.0
222	3.6	298.3	67.0
223	3.4	301.7	67.0
224	3.4	305.1	67.0
225	4.4	309.6	67.4
226	4.3	313.9	67.7
227	5.0	318.9	68.8
228	6.1	325.0	70.8
229	7.4	332.4	74.2
230	6.6	339.0	76.8
231	6.0	345.0	78.8
232	5.6	350.5	80.4
233	5.7	356.2	82.0
234	6.0	362.1	84.0
235	7.2	369.3	87.2
236	7.5	376.8	90.7
237	7.9	384.7	94.6
238	8.5	393.2	99.0
239	7.6	400.7	102.6
240	7.8	408.5	106.4

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)

STN 131 DEPTH 18M





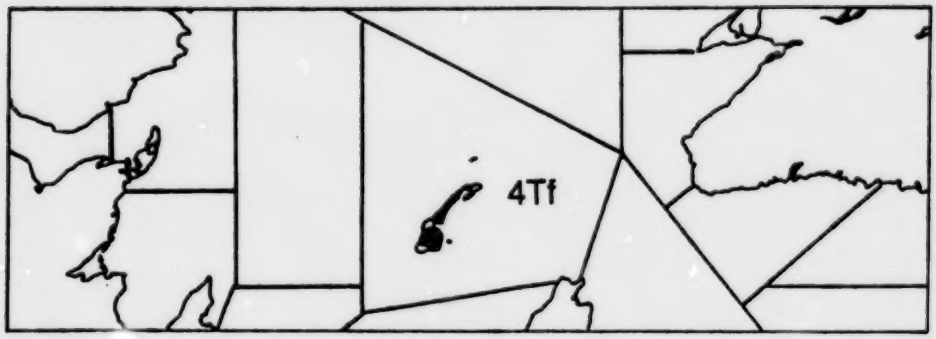
CAP AU CORBEAU PQ (LAVAL)
50.33N 63.95W 1400Z 12/06/89 - 0600Z 28/08/89
INST. 63341

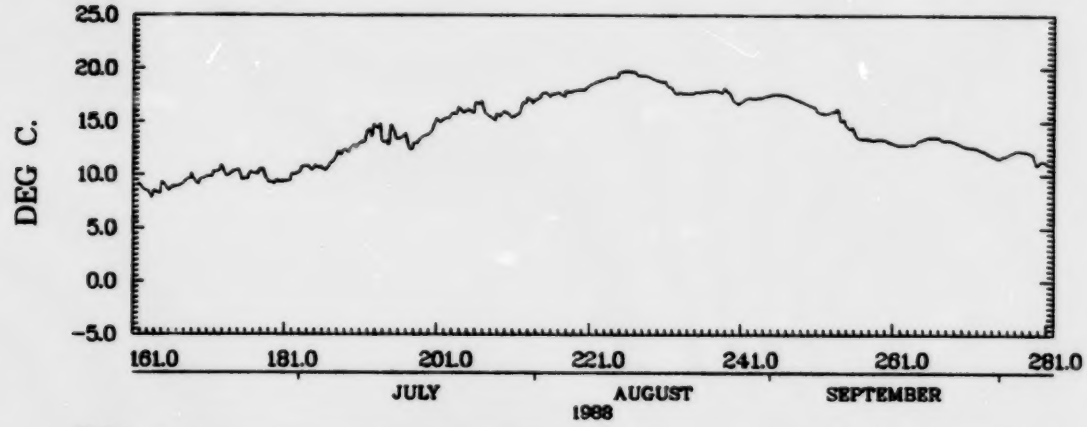
ILES DE LA MADELEINE PQ (BAIE PLAISANCE) STA. 4TF 139

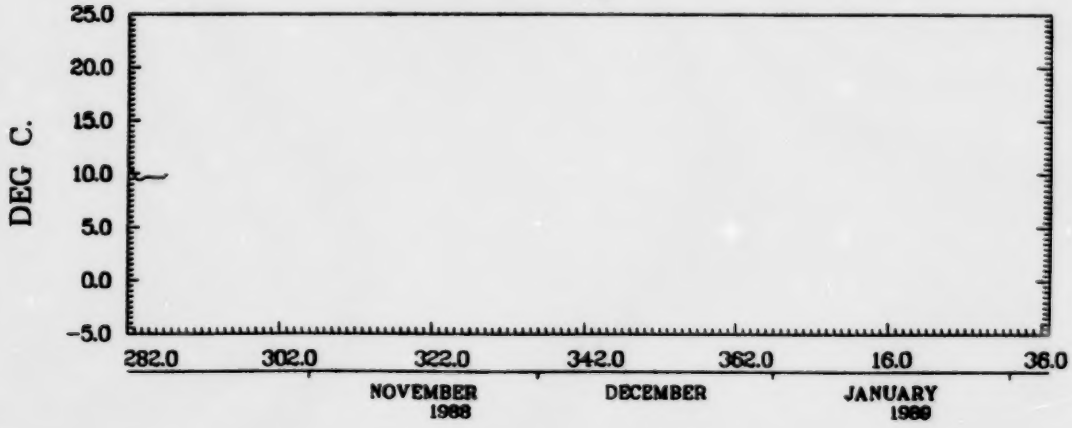
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
6.0M.	2.0M.	47.26	61.85	9/ 6/ 88	13/10/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
161	9.1	9.1	5.1	226	19.7	883.7	619.7				
162	8.7	17.8	9.8	227	19.3	903.0	635.0				
163	8.2	26.0	14.0	228	19.2	922.3	650.3				
164	8.5	34.5	18.5	229	18.9	941.2	665.2				
165	8.8	43.3	23.3	230	18.7	959.9	679.9				
166	8.9	52.2	28.2	231	18.2	978.2	694.2				
167	9.1	61.2	33.2	232	17.7	995.9	707.9				
168	9.6	70.9	38.9	233	17.7	1013.5	721.5				
169	9.4	80.2	44.2	234	17.7	1031.2	735.2				
170	9.7	89.9	49.9	235	17.8	1049.0	749.0				
171	10.0	99.9	55.9	236	17.9	1066.9	762.9				
172	10.5	110.4	62.4	237	17.9	1084.8	776.8				
173	10.1	120.5	68.5	238	17.9	1102.7	790.7				
174	10.3	130.8	74.8	239	17.5	1120.2	804.2				
175	9.8	140.6	80.6	240	16.8	1137.0	817.0				
176	10.0	150.6	86.6	241	17.1	1154.0	830.0				
177	10.3	160.8	92.8	242	17.2	1171.3	843.3				
178	9.9	170.8	98.8	243	17.3	1188.5	856.5				
179	9.3	180.1	104.1	244	17.4	1206.0	870.0				
180	9.4	189.5	109.5	245	17.6	1223.6	883.6				
181	9.5	199.0	115.0	246	17.5	1241.1	897.1				
182	10.1	209.1	121.1	247	17.3	1258.4	910.4				
183	10.7	219.8	127.8	248	17.0	1275.5	923.5				
184	10.6	230.4	134.4	249	16.7	1292.2	936.2				
185	10.7	241.1	141.1	250	16.4	1308.6	948.6				
186	10.6	251.7	147.7	251	15.9	1324.5	960.5				
187	11.4	263.1	155.1	252	15.8	1340.3	972.3				
188	12.1	275.3	163.3	253	16.1	1356.4	984.4				
189	12.3	287.6	171.6	254	15.8	1371.4	995.4				
190	12.8	300.4	180.4	255	14.4	1385.7	1005.7				
191	13.4	313.8	189.8	256	13.5	1399.2	1015.2				
192	14.2	328.0	200.0	257	13.4	1412.7	1024.7				
193	14.1	342.1	210.1	258	13.3	1426.0	1034.0				
194	13.3	355.3	219.3	259	13.3	1439.3	1043.3				
195	13.8	369.2	229.2	260	13.1	1452.4	1052.4				
196	13.6	382.8	238.8	261	12.9	1465.3	1061.3				
197	12.6	395.4	247.4	262	12.9	1478.2	1070.2				
198	13.2	408.6	256.6	263	12.9	1491.1	1079.1				
199	13.7	422.3	266.3	264	13.3	1504.4	1088.4				
200	14.5	436.8	276.8	265	13.5	1517.9	1097.9				
201	15.1	451.9	287.9	266	13.6	1531.4	1107.4				
202	15.4	467.4	299.4	267	13.3	1544.8	1116.8				
203	15.9	483.3	311.3	268	13.2	1558.0	1126.0				
204	16.0	499.3	323.3	269	13.0	1571.0	1135.0				
205	16.1	515.4	335.4	270	12.7	1583.6	1143.6				
206	16.7	532.1	348.1	271	12.5	1596.2	1152.2				
207	15.7	547.8	359.8	272	12.3	1608.5	1160.5				
208	15.4	563.2	371.2	273	12.0	1620.5	1168.5				
209	15.8	579.0	383.0	274	11.6	1632.2	1176.2				
210	15.6	594.6	394.6	275	11.8	1643.9	1183.9				
211	15.7	610.3	406.3	276	12.1	1656.0	1192.0				
212	16.9	627.2	419.2	277	12.3	1668.3	1200.3				
213	17.0	644.2	432.2	278	12.2	1680.5	1208.5				
214	17.4	661.6	445.6	279	11.4	1691.9	1215.9				
215	17.6	679.2	459.2	280	11.3	1703.1	1223.1				
216	17.6	696.8	472.8	281	11.0	1714.1	1230.1				
217	17.6	714.4	486.4	282	10.2	1724.4	1236.4				
218	17.8	732.3	500.3	283	9.5	1733.8	1241.8				
219	18.0	750.3	514.3	284	9.7	1743.5	1247.5				
220	18.2	768.4	528.4	285	9.6	1753.1	1253.1				
221	18.6	787.0	543.0	286	9.7	1762.8	1258.8				
222	18.9	805.9	557.9	287	9.9	1772.7	1264.7				
223	19.1	825.0	573.0								
224	19.3	844.3	588.3								
225	19.7	864.0	604.0								

STN 139 DEPTH 2M







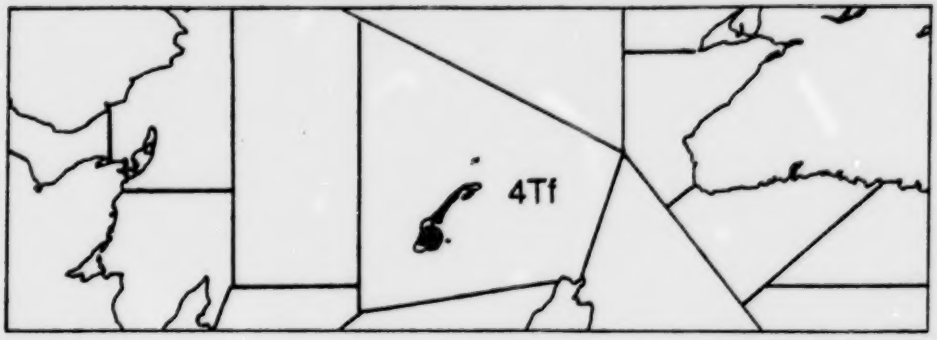
ILES DE LA MADELEINE PQ (BAIE PLAISANCE)
47.26N 61.85W 1800Z 09/06/88 - 0600Z 13/10/88
INST. 64085

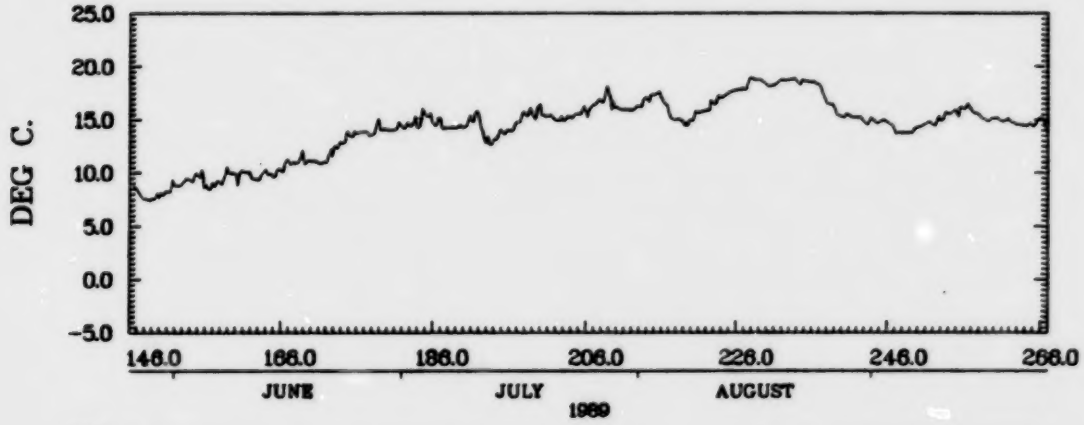
ILES DE LA MADELEINE PQ (BAIE PLAISANCE) STA. 4TF 138

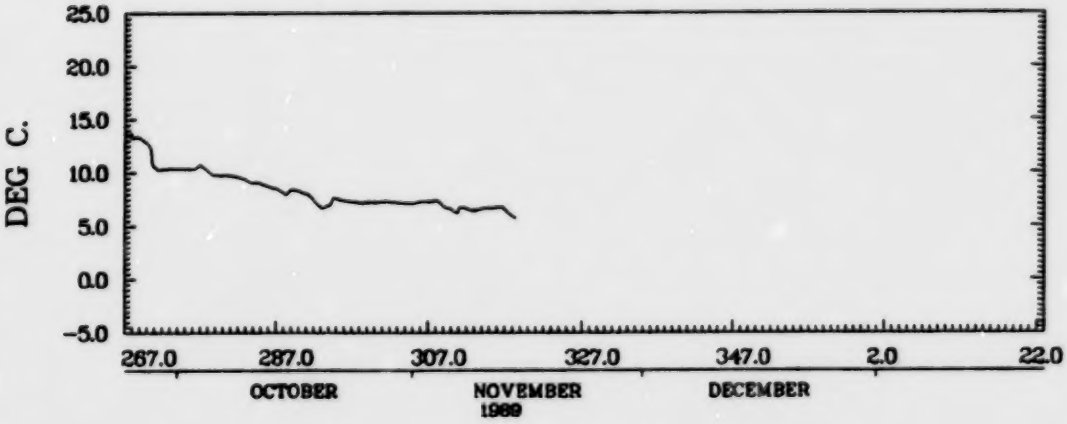
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
15.0M.	2.0M.	47.26	61.85	26/ 5/ 89	14/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
146	8.7	8.7	4.7	211	15.9	835.6	571.6	276	10.5	1833.1	1309.1
147	8.0	16.7	8.7	212	16.1	851.7	583.7	277	10.5	1843.6	1315.6
148	7.5	24.2	12.2	213	16.6	868.3	596.3	278	10.0	1853.6	1321.6
149	7.8	32.0	16.0	214	17.1	885.4	609.4	279	9.7	1863.3	1327.3
150	8.0	40.0	20.0	215	17.4	902.9	622.9	280	9.8	1873.1	1333.1
151	8.6	48.6	24.6	216	16.5	919.3	635.3	281	9.7	1882.7	1338.7
152	8.8	57.3	29.3	217	15.1	934.5	646.5	282	9.5	1892.2	1344.2
153	9.3	66.6	34.6	218	15.0	949.4	657.4	283	9.2	1901.4	1349.4
154	9.5	76.2	40.2	219	14.7	964.1	668.1	284	9.1	1910.5	1354.5
155	9.7	85.8	45.8	220	15.4	979.5	679.5	285	8.9	1919.3	1359.3
156	8.6	94.5	50.5	221	15.8	995.3	691.3	286	8.6	1927.9	1363.9
157	9.1	103.5	55.5	222	16.3	1011.6	703.6	287	8.4	1936.3	1368.3
158	9.5	113.1	61.1	223	16.9	1028.5	716.5	288	8.1	1944.4	1372.4
159	10.0	123.1	67.1	224	17.3	1045.7	729.7	289	8.4	1952.8	1376.8
160	9.8	132.9	72.9	225	17.6	1063.4	743.4	290	8.2	1961.0	1381.0
161	10.1	143.0	79.0	226	17.8	1081.2	757.2	291	7.8	1968.8	1384.8
162	9.5	152.5	84.5	227	18.3	1099.5	771.5	292	7.1	1975.9	1387.9
163	9.7	162.2	90.2	228	18.8	1118.3	786.3	293	6.8	1982.7	1390.7
164	10.0	172.2	96.2	229	18.6	1136.9	800.9	294	7.3	1990.0	1394.0
165	10.0	182.1	102.1	230	18.2	1155.1	815.1	295	7.5	1997.5	1397.5
166	10.6	192.7	108.7	231	18.5	1173.6	829.6	296	7.3	2004.8	1400.8
167	11.0	203.7	115.7	232	18.7	1192.3	844.3	297	7.2	2012.0	1404.0
168	11.3	215.0	123.0	233	18.8	1211.1	859.1	298	7.2	2019.2	1407.2
169	11.1	226.1	130.1	234	18.5	1229.6	873.6	299	7.2	2026.4	1410.4
170	11.1	237.1	137.1	235	18.6	1248.2	888.2	300	7.2	2033.6	1413.6
171	10.9	248.1	144.1	236	18.5	1266.6	902.6	301	7.3	2040.9	1416.9
172	11.6	259.6	151.6	237	17.5	1284.2	916.2	302	7.2	2048.1	1420.1
173	12.5	272.1	160.1	238	16.5	1300.6	928.6	303	7.1	2055.3	1423.3
174	13.2	285.3	169.3	239	15.6	1316.2	940.2	304	7.1	2062.4	1426.4
175	13.6	298.9	178.9	240	15.4	1331.6	951.6	305	7.1	2069.5	1429.5
176	13.8	312.7	188.7	241	15.3	1346.8	962.8	306	7.3	2076.8	1432.8
177	13.7	326.4	198.4	242	15.1	1362.0	974.0	307	7.3	2084.1	1436.1
178	14.2	340.6	208.6	243	14.8	1376.8	984.8	308	7.2	2091.3	1439.3
179	14.2	354.8	218.8	244	14.8	1391.6	995.6	309	6.7	2098.0	1442.0
180	14.0	368.8	228.8	245	14.9	1406.5	1006.5	310	6.4	2104.3	1444.3
181	14.4	383.2	239.2	246	14.5	1421.0	1017.0	311	6.7	2111.0	1447.0
182	14.4	397.6	249.6	247	13.8	1434.9	1026.9	312	6.5	2117.5	1449.5
183	14.7	412.3	260.3	248	13.8	1448.7	1036.7	313	6.5	2124.0	1452.0
184	14.9	427.3	271.3	249	14.0	1462.6	1046.6	314	6.6	2130.7	1454.7
185	15.3	442.6	282.6	250	14.4	1477.0	1057.0	315	6.6	2137.3	1457.3
186	14.8	457.3	293.3	251	14.7	1491.7	1067.7	316	6.7	2144.0	1460.0
187	14.4	471.7	303.7	252	14.8	1506.5	1078.5	317	6.2	2150.3	1462.3
188	14.2	485.9	313.9	253	15.3	1521.8	1089.8	318	5.8	2156.1	1464.1
189	14.3	500.3	324.3	254	15.7	1537.5	1101.5				
190	14.6	514.9	334.9	255	15.8	1553.3	1113.3				
191	15.3	530.2	346.2	256	16.2	1569.5	1125.5				
192	14.1	544.3	356.3	257	15.7	1585.2	1137.2				
193	12.9	557.1	365.1	258	15.2	1600.4	1148.4				
194	13.5	570.6	374.6	259	15.0	1615.4	1159.4				
195	13.9	584.5	384.5	260	15.1	1630.5	1170.5				
196	14.2	598.7	394.7	261	15.0	1645.4	1181.4				
197	15.2	613.8	405.8	262	14.8	1660.2	1192.2				
198	15.7	629.5	417.5	263	14.5	1674.7	1202.7				
199	15.7	645.2	429.2	264	14.6	1689.3	1213.3				
200	15.5	660.7	440.7	265	14.7	1704.0	1224.0				
201	15.3	676.0	452.0	266	14.8	1718.8	1234.8				
202	15.0	691.0	463.0	267	13.6	1732.5	1244.5				
203	15.1	706.2	474.2	268	13.3	1745.8	1253.8				
204	15.4	721.5	485.5	269	13.1	1758.9	1262.9				
205	15.8	737.3	497.3	270	11.9	1770.8	1270.8				
206	15.9	753.2	509.2	271	10.4	1781.2	1277.2				
207	16.7	769.9	521.9	272	10.4	1791.6	1283.6				
208	17.3	787.1	535.1	273	10.4	1801.9	1289.9				
209	16.6	803.7	547.7	274	10.3	1812.3	1296.3				
210	16.0	819.7	559.7	275	10.4	1822.6	1302.6				

STN 138 DEPTH 2M







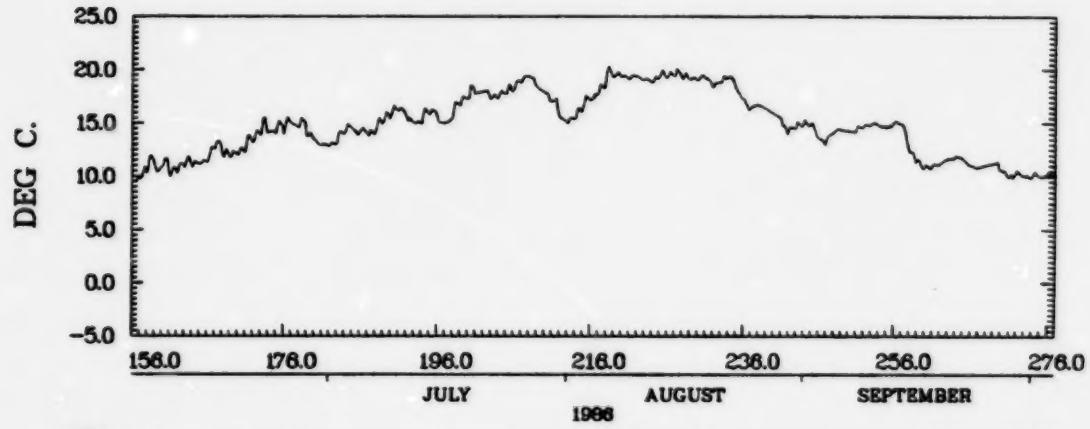
ILES DE LA MADELEINE PQ (BAIE PLAISANCE)
47.26N 61.85W 1600Z 26/05/89 - 0800Z 14/11/89
INST. 63799

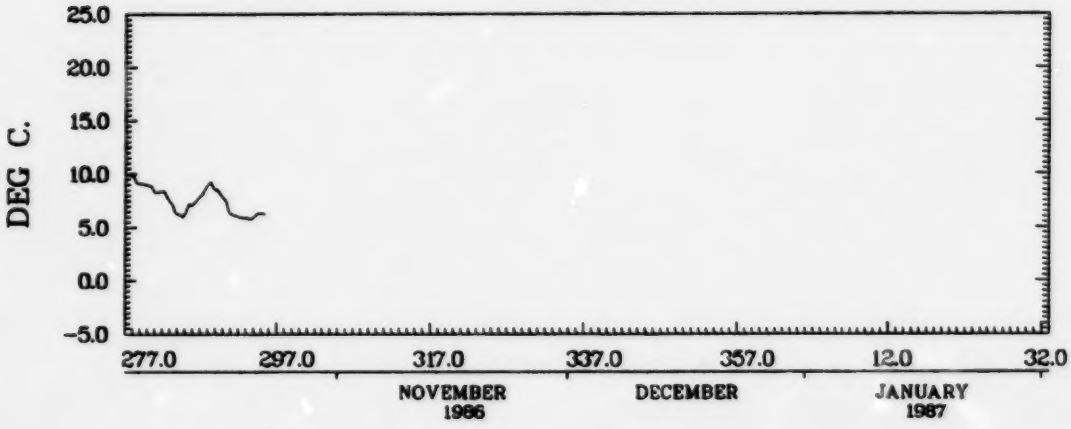
ILES DE LA MADELEINE PQ (BASSIN HAVRE AUBERT) STA. 4TF 147

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
5.0M.	2.0M.	47.23	61.88	5/ 6/ 86	22/10/ 86

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
156	9.7	9.7	5.7	221	19.4	994.1	730.1	286	7.5	1878.0	1354.0
157	10.3	20.0	12.0	222	19.2	1013.3	745.3	287	8.3	1886.3	1358.3
158	11.3	31.3	19.3	223	19.0	1032.4	760.4	288	9.0	1895.3	1363.3
159	10.7	42.0	26.0	224	19.1	1051.5	775.5	289	8.3	1903.6	1367.6
160	11.3	53.2	33.2	225	19.6	1071.1	791.1	290	7.1	1910.7	1370.7
161	10.5	63.7	39.7	226	19.6	1090.6	806.6	291	6.1	1916.9	1372.9
162	10.9	74.7	46.7	227	19.7	1110.4	822.4	292	5.9	1922.8	1374.8
163	11.4	86.1	54.1	228	19.4	1129.7	837.7	293	5.8	1928.7	1376.7
164	11.2	97.2	61.2	229	19.2	1148.9	852.9	294	6.2	1934.9	1378.9
165	11.3	108.6	68.6	230	19.3	1168.2	868.2	295	6.3	1941.2	1381.2
166	12.2	120.7	76.7	231	19.0	1187.2	883.2				
167	13.1	133.8	85.8	232	18.7	1205.9	897.9				
168	12.2	146.0	94.0	233	19.2	1225.1	913.1				
169	12.1	158.1	102.1	234	19.1	1244.2	928.2				
170	12.4	170.5	110.5	235	17.7	1262.0	942.0				
171	13.3	183.8	119.8	236	16.7	1278.7	954.7				
172	13.9	197.7	129.7	237	16.6	1295.3	967.3				
173	14.7	212.3	140.3	238	16.6	1311.9	979.9				
174	14.2	226.5	150.5	239	16.2	1328.1	992.1				
175	14.7	241.3	161.3	240	15.7	1343.8	1003.8				
176	14.9	256.2	172.2	241	14.7	1358.5	1014.5				
177	14.9	271.0	183.0	242	14.5	1373.0	1025.0				
178	15.1	286.1	194.1	243	14.8	1387.9	1035.9				
179	13.8	299.9	203.9	244	15.0	1402.9	1046.9				
180	13.2	313.1	213.1	245	14.5	1417.3	1057.3				
181	13.0	326.1	222.1	246	13.4	1430.7	1066.7				
182	13.0	339.1	231.1	247	13.8	1444.5	1076.5				
183	14.0	353.1	241.1	248	14.4	1458.8	1086.8				
184	14.6	367.7	251.7	249	14.3	1473.2	1097.2				
185	14.2	381.9	261.9	250	14.2	1487.4	1107.4				
186	14.3	396.2	272.2	251	14.6	1502.0	1118.0				
187	14.1	410.3	282.3	252	14.8	1516.8	1128.8				
188	15.0	425.3	293.3	253	15.0	1531.8	1139.8				
189	15.6	440.9	304.9	254	14.7	1546.5	1150.5				
190	16.2	457.2	317.2	255	14.7	1561.2	1161.2				
191	16.2	473.4	329.4	256	15.1	1576.3	1172.3				
192	15.3	488.7	340.7	257	14.0	1590.3	1182.3				
193	15.1	503.7	351.7	258	12.0	1602.4	1190.4				
194	15.9	519.6	363.6	259	11.2	1613.6	1197.6				
195	16.1	535.7	375.7	260	10.9	1624.5	1204.5				
196	15.1	550.8	386.8	261	11.1	1635.6	1211.6				
197	15.2	566.0	398.0	262	11.4	1646.9	1218.9				
198	16.5	582.5	410.5	263	11.7	1658.6	1226.6				
199	17.2	599.7	423.7	264	11.8	1670.4	1234.4				
200	17.9	617.7	437.7	265	11.4	1681.8	1241.8				
201	17.9	635.5	451.5	266	10.9	1692.7	1248.7				
202	17.8	653.3	465.3	267	10.9	1703.6	1255.6				
203	17.5	670.8	478.8	268	11.1	1714.8	1262.8				
204	17.8	688.6	492.6	269	11.0	1725.8	1269.8				
205	18.2	706.8	506.8	270	10.3	1736.1	1276.1				
206	18.7	725.5	521.5	271	10.1	1746.2	1282.2				
207	19.3	744.8	536.8	272	10.3	1756.5	1288.5				
208	19.1	763.9	551.9	273	10.0	1766.5	1294.5				
209	18.2	782.1	566.1	274	10.2	1776.7	1300.7				
210	17.5	799.6	579.6	275	10.0	1786.8	1306.8				
211	16.8	816.4	592.4	276	10.3	1797.0	1313.0				
212	15.4	831.7	603.7	277	10.0	1807.0	1319.0				
213	15.4	847.1	615.1	278	9.4	1816.4	1324.4				
214	16.1	863.1	627.1	279	9.1	1825.5	1329.5				
215	17.2	880.3	640.3	280	8.7	1834.2	1334.2				
216	17.5	897.8	653.8	281	8.3	1842.5	1338.5				
217	18.3	916.1	668.1	282	8.0	1850.6	1342.6				
218	19.7	935.8	683.8	283	6.9	1857.4	1345.4				
219	19.6	955.4	699.4	284	6.1	1863.6	1347.6				
220	19.3	974.7	714.7	285	6.9	1870.5	1350.5				

STN 147 DEPTH 2M





ILES DE LA MADELEINE PQ (BASSIN HAVRE AUBERT)
47.22N 61.87W 1230Z 05/06/86 - 1230Z 22/10/86
INST. 63259

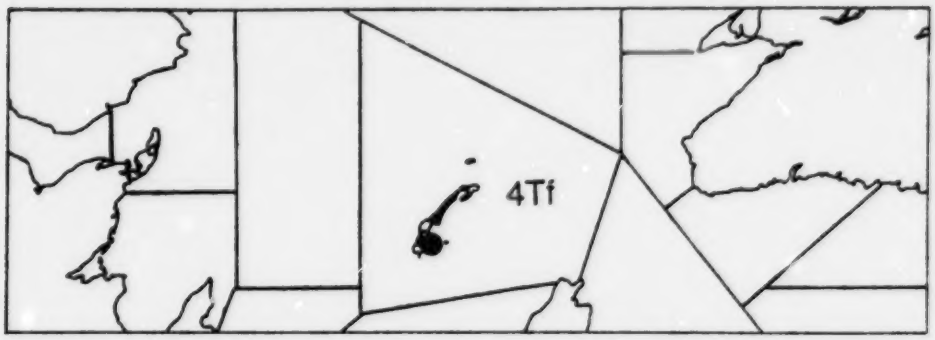
ILES DE LA MADELEINE PQ (BASSIN HAVRE AUBERT)

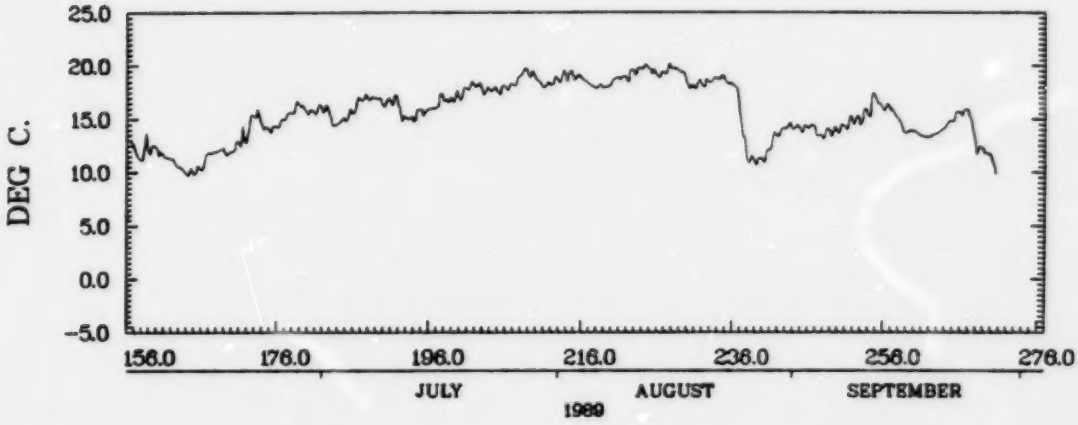
STA. 4TF 149

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
5.0M.	2.0M.	47.22	61.87	5/ 6/ 89	27/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
156	12.7	12.7	8.7	221	18.9	1032.5	768.5				
157	11.7	24.4	16.4	222	19.1	1051.6	783.6				
158	12.1	36.6	24.6	223	19.5	1071.1	799.1				
159	12.3	48.8	32.8	224	19.9	1091.0	815.0				
160	12.0	60.8	40.8	225	19.5	1110.5	830.5				
161	11.4	72.2	48.2	226	19.2	1129.7	845.7				
162	10.9	83.2	55.2	227	19.6	1149.3	861.3				
163	10.4	93.5	61.5	228	19.7	1169.0	877.0				
164	10.1	103.6	67.6	229	19.3	1188.3	892.3				
165	10.2	113.8	73.8	230	18.1	1206.4	906.4				
166	10.9	124.8	80.8	231	18.3	1224.7	920.7				
167	11.9	136.6	88.6	232	18.4	1243.1	935.1				
168	12.1	148.7	96.7	233	18.7	1261.8	949.8				
169	11.9	160.6	104.6	234	18.9	1280.6	964.6				
170	12.3	172.9	112.9	235	18.4	1299.1	979.1				
171	13.1	186.0	122.0	236	17.9	1316.9	992.9				
172	14.3	200.3	132.3	237	13.9	1330.9	1002.9				
173	15.3	215.6	143.6	238	11.2	1342.1	1010.1				
174	14.3	229.9	153.9	239	11.1	1353.1	1017.1				
175	14.1	244.0	164.0	240	11.5	1364.6	1024.6				
176	14.6	258.6	174.6	241	12.9	1377.5	1033.5				
177	15.3	274.0	186.0	242	13.7	1391.3	1043.3				
178	16.0	290.0	198.0	243	14.3	1405.5	1053.5				
179	16.2	306.1	210.1	244	14.2	1419.8	1063.8				
180	15.7	321.9	221.9	245	14.1	1433.8	1073.8				
181	15.9	337.8	233.8	246	14.3	1448.1	1084.1				
182	16.0	353.8	245.8	247	13.6	1461.7	1093.7				
183	14.8	368.6	256.6	248	13.6	1475.3	1103.3				
184	14.9	383.4	267.4	249	13.9	1489.2	1113.2				
185	15.4	398.8	278.8	250	14.1	1503.3	1123.3				
186	16.3	415.1	291.1	251	14.6	1517.9	1133.9				
187	17.0	432.1	304.1	252	15.0	1533.0	1145.0				
188	17.0	449.0	317.0	253	15.3	1548.2	1156.2				
189	16.9	465.9	329.9	254	16.3	1564.5	1168.5				
190	16.6	482.5	342.5	255	16.6	1581.1	1181.1				
191	16.8	499.4	355.4	256	16.1	1597.3	1193.3				
192	15.6	515.0	367.0	257	15.6	1612.8	1204.8				
193	15.2	530.1	378.1	258	14.4	1627.3	1215.3				
194	15.4	545.5	389.5	259	13.8	1641.1	1225.1				
195	15.7	561.2	401.2	260	13.7	1654.9	1234.9				
196	16.0	577.2	413.2	261	13.4	1668.2	1244.2				
197	16.8	593.9	425.9	262	13.4	1681.7	1253.7				
198	16.8	610.7	438.7	263	13.8	1695.5	1263.5				
199	17.0	627.7	451.7	264	14.5	1710.0	1274.0				
200	17.3	645.1	465.1	265	15.2	1725.2	1285.2				
201	18.1	663.2	479.2	266	15.7	1740.9	1296.9				
202	18.2	681.3	493.3	267	14.9	1755.8	1307.8				
203	17.6	699.0	507.0	268	12.3	1768.0	1316.0				
204	17.8	716.8	520.8	269	11.9	1779.9	1323.9				
205	17.7	734.5	534.5	270	10.8	1790.7	1330.7				
206	18.1	752.5	548.5								
207	18.5	771.1	563.1								
208	19.5	790.5	578.5								
209	19.2	809.7	593.7								
210	18.5	828.2	608.2								
211	18.2	846.4	622.4								
212	18.6	865.0	637.0								
213	19.0	884.0	652.0								
214	19.1	903.1	667.1								
215	18.9	922.1	682.1								
216	18.6	940.7	696.7								
217	18.1	958.8	710.8								
218	18.1	976.9	724.9								
219	18.0	994.9	738.9								
220	18.7	1013.6	753.6								

STN 149 DEPTH 2M





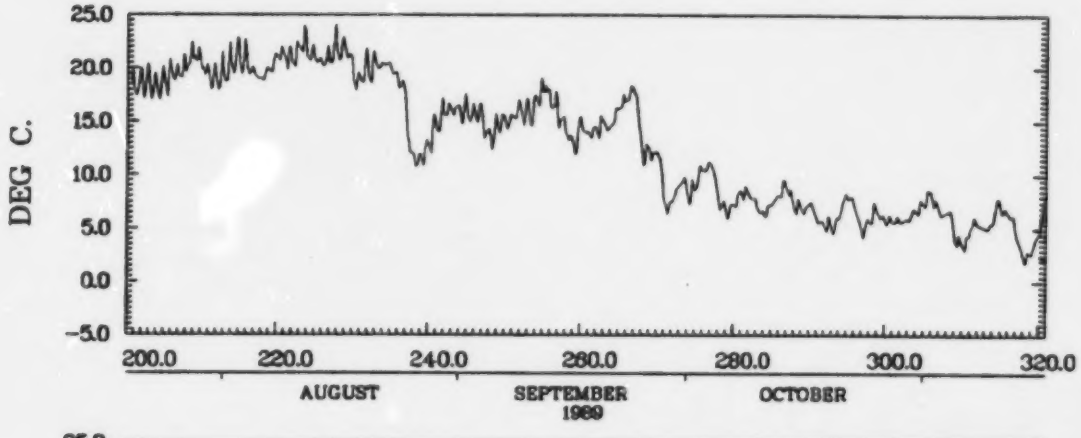
ILES DE LA MADELEINE PQ (BASSIN HAVRE AUBERT)
47.22N 61.87W 1200Z 05/06/89 - 1600Z 27/09/89
INST. 62501

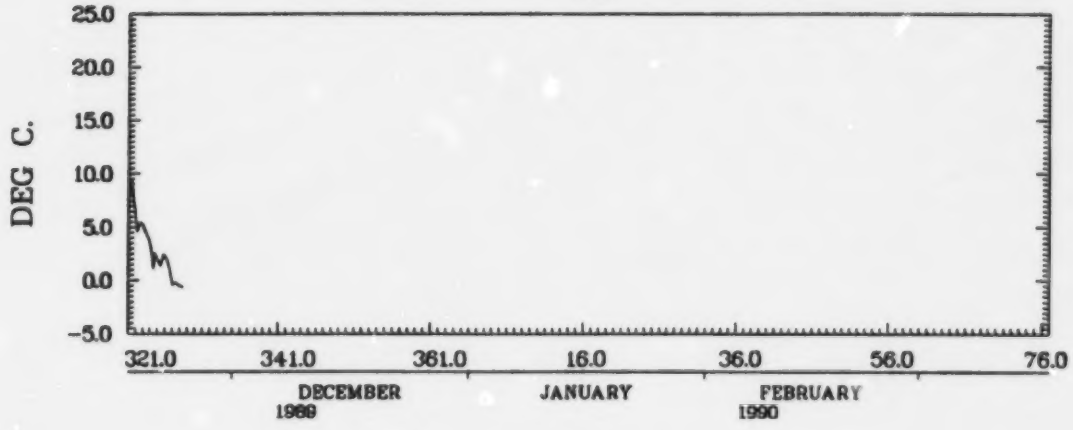
ILES DE LA MADELEINE PQ (ETANG DU NORD) STA. 4TF 148

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	1.0M.	47.36	61.96	19/ 7/ 89	24/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
200	18.8	18.8	14.8	265	16.8	1177.4	913.4				
201	18.5	37.3	29.3	266	17.7	1195.1	927.1				
202	18.8	56.1	44.1	267	15.6	1210.7	938.7				
203	18.2	74.3	58.3	268	12.0	1222.7	946.7				
204	18.4	92.7	72.7	269	12.0	1234.7	954.7				
205	19.1	111.7	87.7	270	10.6	1245.3	961.3				
206	19.4	131.2	103.2	271	7.1	1252.4	964.4				
207	19.9	151.1	119.1	272	8.4	1260.8	968.8				
208	21.1	172.2	136.2	273	9.3	1270.1	974.1				
209	21.1	193.3	153.3	274	8.3	1278.4	978.4				
210	19.8	213.1	169.1	275	9.9	1288.4	984.4				
211	19.1	232.2	184.2	276	10.8	1299.1	991.1				
212	19.3	251.5	199.5	277	9.8	1308.9	996.9				
213	20.2	271.7	215.7	278	7.2	1316.1	1000.1				
214	21.1	292.8	232.8	279	6.8	1322.9	1002.9				
215	20.9	313.7	249.7	280	7.8	1330.7	1006.7				
216	19.8	333.5	265.5	281	8.3	1339.0	1011.0				
217	19.2	352.6	280.6	282	7.9	1346.9	1014.9				
218	19.4	372.1	296.1	283	6.7	1353.6	1017.6				
219	20.4	392.4	312.4	284	6.7	1360.2	1020.2				
220	21.3	413.7	329.7	285	7.7	1367.9	1023.9				
221	21.0	434.7	346.7	286	8.7	1376.6	1028.6				
222	21.3	455.9	363.9	287	8.2	1384.9	1032.9				
223	22.3	478.2	382.2	288	7.0	1391.8	1035.8				
224	21.2	499.4	399.4	289	6.9	1398.7	1038.7				
225	20.7	520.1	416.1	290	6.9	1405.6	1041.6				
226	20.8	540.9	432.9	291	5.6	1411.2	1043.2				
227	21.9	562.9	450.9	292	5.4	1416.6	1044.6				
228	21.8	584.7	468.7	293	5.4	1422.0	1046.0				
229	21.1	605.8	485.8	294	7.3	1429.3	1049.3				
230	18.8	624.6	500.6	295	7.8	1437.1	1053.1				
231	20.0	644.6	516.6	296	6.1	1443.2	1055.2				
232	20.0	664.6	532.6	297	5.2	1448.4	1056.4				
233	20.2	684.8	548.8	298	6.4	1454.8	1058.8				
234	20.3	705.1	565.1	299	6.2	1461.0	1061.0				
235	19.5	724.6	580.6	300	5.8	1466.8	1062.8				
236	18.3	742.9	594.9	301	5.8	1472.6	1064.6				
237	13.1	755.9	603.9	302	5.8	1478.3	1066.3				
238	11.5	767.4	611.4	303	6.3	1484.7	1068.7				
239	12.0	779.5	619.5	304	7.0	1491.7	1071.7				
240	13.8	793.2	629.2	305	7.9	1499.6	1075.6				
241	15.2	808.5	640.5	306	7.4	1507.0	1079.0				
242	16.0	824.5	652.5	307	6.4	1513.4	1081.4				
243	16.2	840.6	664.6	308	6.2	1519.5	1083.5				
244	16.0	856.6	676.6	309	3.8	1523.4	1083.5				
245	15.6	872.2	688.2	310	3.8	1527.1	1083.5				
246	15.8	887.9	699.9	311	5.5	1532.6	1085.0				
247	14.1	902.0	710.0	312	5.2	1537.8	1086.3				
248	13.9	915.9	719.9	313	5.2	1543.0	1087.5				
249	15.0	930.9	730.9	314	7.0	1550.0	1090.4				
250	15.0	946.0	742.0	315	6.6	1556.6	1093.1				
251	16.0	962.0	754.0	316	6.0	1562.6	1095.0				
252	16.0	978.0	766.0	317	3.5	1566.1	1095.0				
253	16.0	994.0	778.0	318	2.5	1568.6	1095.0				
254	17.6	1011.6	791.6	319	3.6	1572.2	1095.0				
255	17.7	1029.3	805.3	320	6.5	1578.6	1097.5				
256	16.5	1045.8	817.8	321	8.2	1586.8	1101.7				
257	14.9	1060.8	828.8	322	5.2	1592.0	1102.9				
258	13.5	1074.3	838.3	323	4.4	1596.4	1103.3				
259	13.6	1087.8	847.8	324	2.1	1598.5	1103.3				
260	14.2	1102.0	858.0	325	1.9	1600.4	1103.3				
261	14.1	1116.1	868.1	326	1.2	1601.6	1103.3				
262	14.5	1130.6	878.6	327	-.3	1601.6	1103.3				
263	14.5	1145.1	889.1	328	-.6	1601.6	1103.3				
264	15.6	1160.7	900.7								

STN 148 DEPTH 1M





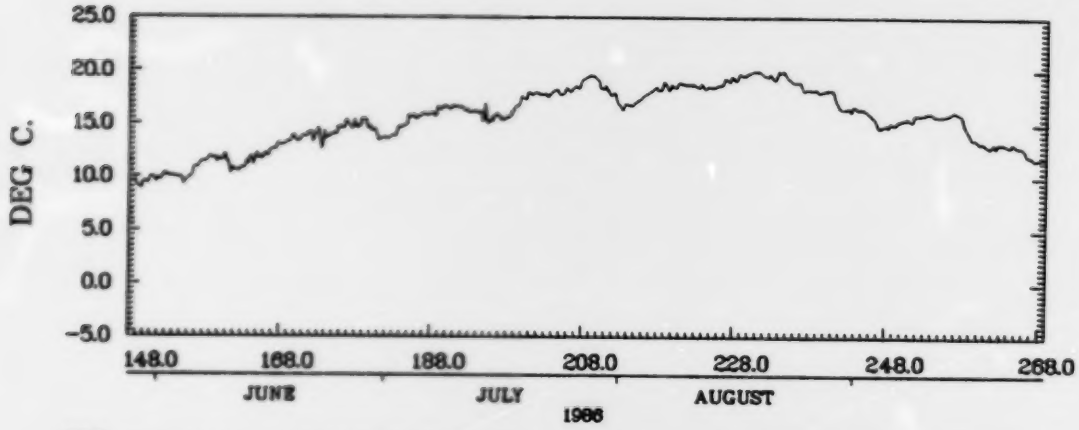
ILES DE LA MADELEINE PQ (ETANG DU NORD)
47.36N 61.96W 1400Z 19/07/89 - 1000Z 24/11/89
INST. 63793

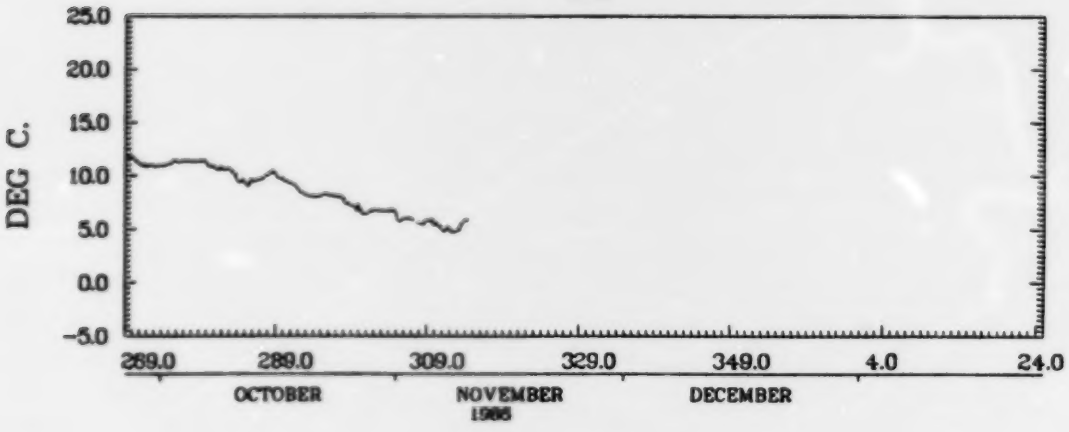
ILES DE LA MADELEINE PQ (GRANDE ENTREE) STA. 4TF 146

WATER DEPTH 6.0M. INST DEPTH 2.0M. LATITUDE 41.58 LONGITUDE 61.51 FROM 28/ 5/ 86 TO 10/11/ 86

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
148	9.7	9.7	5.7	213	16.6	949.4	685.4	278	11.4	1979.4	1455.4
149	9.1	18.8	10.8	214	16.8	966.2	698.2	279	11.4	1990.8	1462.8
150	9.6	28.4	16.4	215	17.2	983.4	711.4	280	10.9	2001.7	1469.7
151	9.8	38.2	22.2	216	17.8	1001.2	725.2	281	10.7	2012.4	1476.4
152	9.9	48.1	28.1	217	18.3	1019.4	739.4	282	10.7	2023.1	1483.1
153	10.1	58.2	34.2	218	18.4	1037.8	753.8	283	10.2	2033.3	1489.3
154	10.0	68.2	40.2	219	18.5	1056.3	768.3	284	9.5	2042.8	1494.8
155	9.6	77.8	45.8	220	18.6	1074.9	782.9	285	9.4	2052.2	1500.2
156	10.2	88.1	52.1	221	18.8	1093.7	797.7	286	9.6	2061.8	1505.8
157	11.1	99.2	59.2	222	18.7	1112.3	812.3	287	9.9	2071.7	1511.7
158	11.6	110.8	66.8	223	18.6	1130.9	826.9	288	10.3	2082.1	1518.1
159	11.7	122.4	74.4	224	18.4	1149.3	841.3	289	9.9	2091.9	1523.9
160	11.8	134.2	82.2	225	18.5	1167.8	855.8	290	9.5	2101.4	1529.4
161	10.9	145.1	89.1	226	18.8	1186.6	870.6	291	9.1	2110.6	1534.6
162	10.7	155.8	95.8	227	19.2	1205.9	885.9	292	8.5	2119.0	1539.0
163	11.0	166.8	102.8	228	19.4	1225.2	901.2	293	8.1	2127.2	1543.2
164	11.7	178.5	110.5	229	19.6	1244.9	916.9	294	8.1	2135.3	1547.3
165	11.9	190.4	118.4	230	19.9	1264.8	932.8	295	8.3	2143.6	1551.6
166	12.2	202.6	126.6	231	19.9	1284.6	948.6	296	8.2	2151.7	1555.7
167	12.8	215.3	135.3	232	19.6	1304.2	964.2	297	8.0	2159.8	1559.8
168	13.1	228.4	144.4	233	19.5	1323.7	979.7	298	7.4	2167.2	1563.2
169	13.5	241.9	153.9	234	19.8	1343.5	995.5	299	7.1	2174.3	1566.3
170	13.5	255.4	163.4	235	19.1	1362.7	1010.7	300	6.6	2180.9	1568.9
171	13.9	269.4	173.4	236	18.9	1381.5	1025.5	301	6.7	2187.6	1571.6
172	13.9	283.2	183.2	237	18.2	1399.8	1039.8	302	6.8	2194.4	1574.4
173	13.6	296.9	192.9	238	18.2	1418.0	1054.0	303	6.8	2201.2	1577.2
174	13.8	310.7	202.7	239	18.0	1436.0	1068.0	304	6.8	2208.0	1580.0
175	14.3	325.0	213.0	240	18.2	1454.2	1082.2	305	5.9	2213.9	1581.9
176	14.8	339.8	223.8	241	17.3	1471.5	1095.5	306	6.0	2219.9	1583.9
177	14.9	354.7	234.7	242	16.4	1488.0	1108.0	307	5.7	2225.7	1585.7
178	14.9	369.6	245.6	243	16.5	1504.5	1120.5	308	5.6	2231.3	1587.3
179	15.0	384.6	256.6	244	16.4	1520.9	1132.9	309	5.8	2237.0	1589.0
180	14.3	398.9	266.9	245	16.2	1537.1	1145.1	310	5.4	2242.4	1590.4
181	13.6	412.5	276.5	246	15.5	1552.6	1156.6	311	5.0	2247.4	1591.4
182	13.7	426.2	286.2	247	14.8	1567.3	1167.3	312	4.8	2252.3	1592.3
183	14.2	440.4	296.4	248	15.0	1582.3	1178.3	313	5.4	2257.7	1593.7
184	14.8	455.3	307.3	249	15.2	1597.5	1189.5	314	5.9	2263.6	1595.6
185	15.7	471.0	319.0	250	15.5	1612.9	1200.9				
186	15.7	486.7	330.7	251	15.6	1628.5	1212.5				
187	15.9	502.5	342.5	252	15.9	1644.4	1224.4				
188	16.1	518.6	354.6	253	16.0	1660.4	1236.4				
189	16.5	535.1	367.1	254	15.8	1676.3	1248.3				
190	16.5	551.7	379.7	255	15.8	1692.1	1260.1				
191	16.6	568.3	392.3	256	16.1	1708.2	1272.2				
192	16.3	584.6	404.6	257	16.0	1724.1	1284.1				
193	16.1	600.7	416.7	258	14.6	1738.7	1294.7				
194	15.8	616.6	428.6	259	13.6	1752.4	1304.4				
195	15.6	632.1	440.1	260	13.3	1765.6	1313.6				
196	15.7	647.9	451.9	261	13.0	1778.7	1322.7				
197	15.5	663.3	463.3	262	13.1	1791.8	1331.8				
198	15.9	679.3	475.3	263	13.2	1804.9	1340.9				
199	16.9	696.2	488.2	264	13.1	1818.0	1350.0				
200	17.6	713.7	501.7	265	12.9	1830.9	1358.9				
201	17.9	731.6	515.6	266	12.2	1843.2	1367.2				
202	17.8	749.3	529.3	267	11.8	1855.0	1375.0				
203	17.7	767.1	543.1	268	11.9	1866.8	1382.8				
204	18.1	785.2	557.2	269	11.8	1878.7	1390.7				
205	18.0	803.1	571.1	270	11.5	1890.1	1398.1				
206	18.2	821.4	585.4	271	11.0	1901.1	1405.1				
207	18.6	839.9	599.9	272	11.0	1912.1	1412.1				
208	19.3	859.2	615.2	273	10.9	1923.0	1419.0				
209	19.4	878.7	630.7	274	11.0	1934.0	1426.0				
210	18.6	897.2	645.2	275	11.3	1945.3	1433.3				
211	18.1	915.3	659.3	276	11.3	1956.6	1440.6				
212	17.4	932.7	672.7	277	11.4	1968.0	1448.0				

STN 146 DEPTH 2M





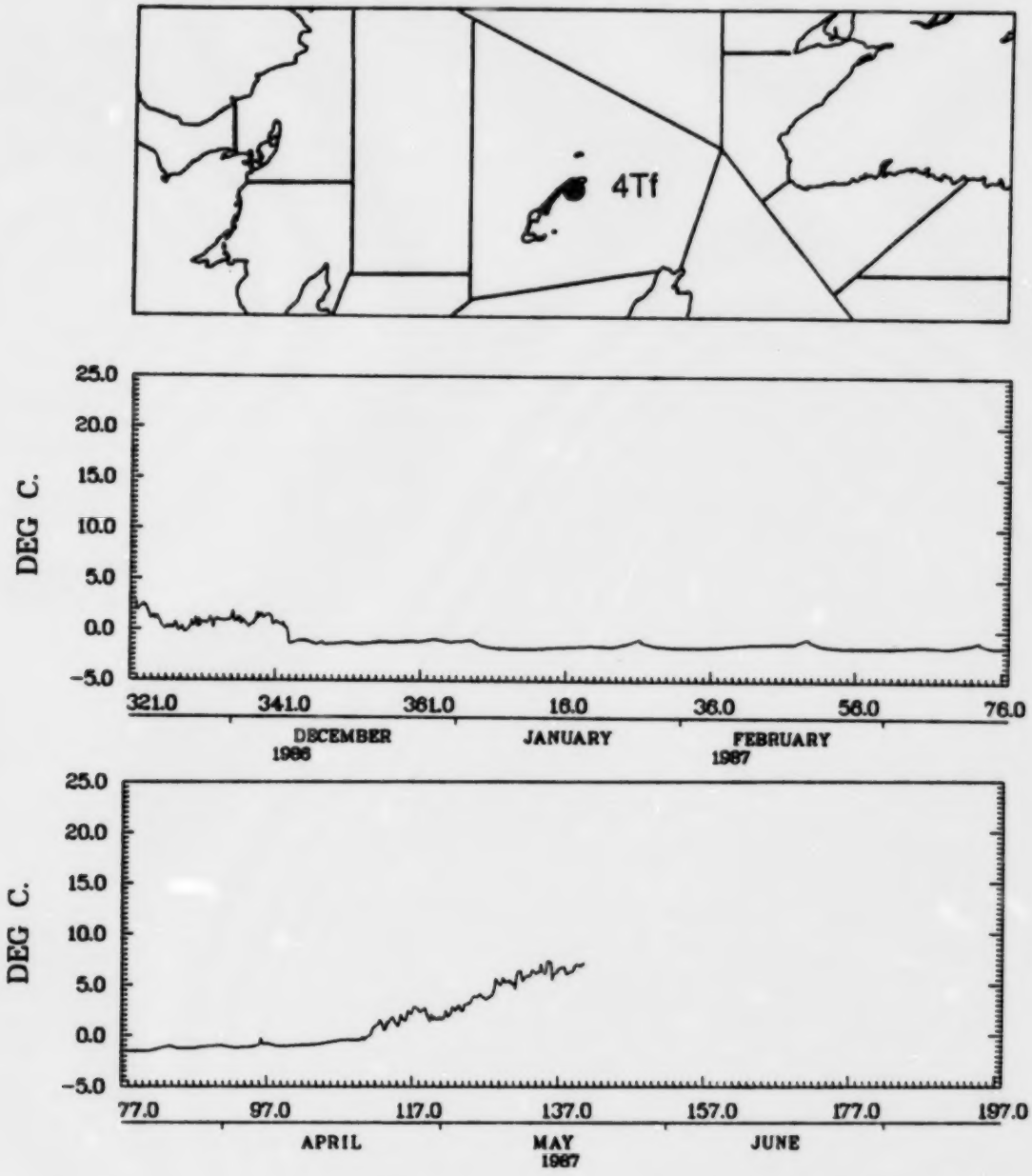
ILES DE LA MADELEINE PQ (GRANDE ENTREE)
47.57N 61.53W 1630Z 28/05/86 - 0830Z 10/11/86
INST. 63424

ILES DE LA MADELEINE PQ (GRANDE ENTREE) STA. 4TF 144

WATER DEPTH 6.0M. INST DEPTH 2.0M. LATITUDE 47.57 LONGITUDE 61.53 FROM 17/11/ 86 TO 20/ 5/ 87

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
321	2.3	2.3	.0	21	-1.6	19.5	.0	86	-1.3	19.5	.0
322	2.3	4.6	.0	22	-1.6	19.5	.0	87	-1.2	19.5	.0
323	1.6	6.2	.0	23	-1.4	19.5	.0	88	-1.1	19.5	.0
324	1.2	7.4	.0	24	-1.3	19.5	.0	89	-1.0	19.5	.0
325	.3	7.7	.0	25	-1.0	19.5	.0	90	-1.0	19.5	.0
326	.3	8.0	.0	26	-1.1	19.5	.0	91	-1.1	19.5	.0
327	.3	8.2	.0	27	-1.4	19.5	.0	92	-1.2	19.5	.0
328	.0	8.2	.0	28	-1.5	19.5	.0	93	-1.2	19.5	.0
329	.6	8.8	.0	29	-1.6	19.5	.0	94	-1.1	19.5	.0
330	.6	9.3	.0	30	-1.6	19.5	.0	95	-1.0	19.5	.0
331	.8	10.2	.0	31	-1.7	19.5	.0	96	-.7	19.5	.0
332	.8	11.0	.0	32	-1.7	19.5	.0	97	-.9	19.5	.0
333	.9	11.9	.0	33	-1.6	19.5	.0	98	-1.0	19.5	.0
334	1.0	12.9	.0	34	-1.6	19.5	.0	99	-1.0	19.5	.0
335	1.1	14.0	.0	35	-1.6	19.5	.0	100	-1.0	19.5	.0
336	.8	14.8	.0	36	-1.6	19.5	.0	101	-1.0	19.5	.0
337	.5	15.3	.0	37	-1.6	19.5	.0	102	-.9	19.5	.0
338	1.3	16.5	.0	38	-1.5	19.5	.0	103	-.9	19.5	.0
339	1.4	17.9	.0	39	-1.4	19.5	.0	104	-.8	19.5	.0
340	1.0	18.9	.0	40	-1.4	19.5	.0	105	-.7	19.5	.0
341	.6	19.5	.0	41	-1.3	19.5	.0	106	-.5	19.5	.0
342	-.1	19.5	.0	42	-1.3	19.5	.0	107	-.4	19.5	.0
343	-1.2	19.5	.0	43	-1.3	19.5	.0	108	-.4	19.5	.0
344	-1.0	19.5	.0	44	-1.3	19.5	.0	109	-.4	19.5	.0
345	-1.1	19.5	.0	45	-1.3	19.5	.0	110	-.2	19.5	.0
346	-1.3	19.5	.0	46	-1.3	19.5	.0	111	.4	20.0	.0
347	-1.3	19.5	.0	47	-1.2	19.5	.0	112	1.2	21.2	.0
348	-1.4	19.5	.0	48	-1.0	19.5	.0	113	1.0	22.1	.0
349	-1.3	19.5	.0	49	-.9	19.5	.0	114	1.5	23.6	.0
350	-1.3	19.5	.0	50	-1.3	19.5	.0	115	1.6	25.2	.0
351	-1.3	19.5	.0	51	-1.5	19.5	.0	116	2.1	27.3	.0
352	-1.4	19.5	.0	52	-1.6	19.5	.0	117	2.7	29.9	.0
353	-1.3	19.5	.0	53	-1.6	19.5	.0	118	2.5	32.4	.0
354	-1.2	19.5	.0	54	-1.7	19.5	.0	119	1.7	34.1	.0
355	-1.2	19.5	.0	55	-1.7	19.5	.0	120	1.7	35.8	.0
356	-1.2	19.5	.0	56	-1.7	19.5	.0	121	1.9	37.7	.0
357	-1.2	19.5	.0	57	-1.7	19.5	.0	122	2.5	40.2	.0
358	-1.1	19.5	.0	58	-1.6	19.5	.0	123	2.7	42.9	.0
359	-1.1	19.5	.0	59	-1.6	19.5	.0	124	3.1	46.0	.0
360	-1.1	19.5	.0	60	-1.6	19.5	.0	125	3.8	49.8	.0
361	-1.1	19.5	.0	61	-1.6	19.5	.0	126	3.9	53.7	.0
362	-.9	19.5	.0	62	-1.6	19.5	.0	127	3.8	57.5	.0
363	-1.0	19.5	.0	63	-1.6	19.5	.0	128	5.0	62.5	1.0
364	-1.1	19.5	.0	64	-1.5	19.5	.0	129	5.3	67.8	2.4
365	-1.1	19.5	.0	65	-1.5	19.5	.0	130	5.2	73.0	3.6
1	-1.1	19.5	.0	66	-1.5	19.5	.0	131	5.9	78.9	5.5
2	-1.0	19.5	.0	67	-1.6	19.5	.0	132	5.7	84.6	7.2
3	-1.2	19.5	.0	68	-1.6	19.5	.0	133	6.2	90.8	9.4
4	-1.5	19.5	.0	69	-1.5	19.5	.0	134	6.4	97.3	11.8
5	-1.7	19.5	.0	70	-1.4	19.5	.0	135	6.9	104.2	14.7
6	-1.8	19.5	.0	71	-1.3	19.5	.0	136	6.1	110.3	16.8
7	-1.8	19.5	.0	72	-1.1	19.5	.0	137	6.6	116.9	19.5
8	-1.8	19.5	.0	73	-1.3	19.5	.0	138	6.2	123.2	21.7
9	-1.8	19.5	.0	74	-1.5	19.5	.0	139	6.9	130.1	24.6
10	-1.8	19.5	.0	75	-1.6	19.5	.0	140	7.0	137.1	27.6
11	-1.8	19.5	.0	76	-1.5	19.5	.0				
12	-1.8	19.5	.0	77	-1.5	19.5	.0				
13	-1.7	19.5	.0	78	-1.5	19.5	.0				
14	-1.7	19.5	.0	79	-1.5	19.5	.0				
15	-1.6	19.5	.0	80	-1.5	19.5	.0				
16	-1.6	19.5	.0	81	-1.4	19.5	.0				
17	-1.6	19.5	.0	82	-1.2	19.5	.0				
18	-1.5	19.5	.0	83	-1.1	19.5	.0				
19	-1.5	19.5	.0	84	-1.2	19.5	.0				
20	-1.5	19.5	.0	85	-1.3	19.5	.0				

STN 144 DEPTH 2M



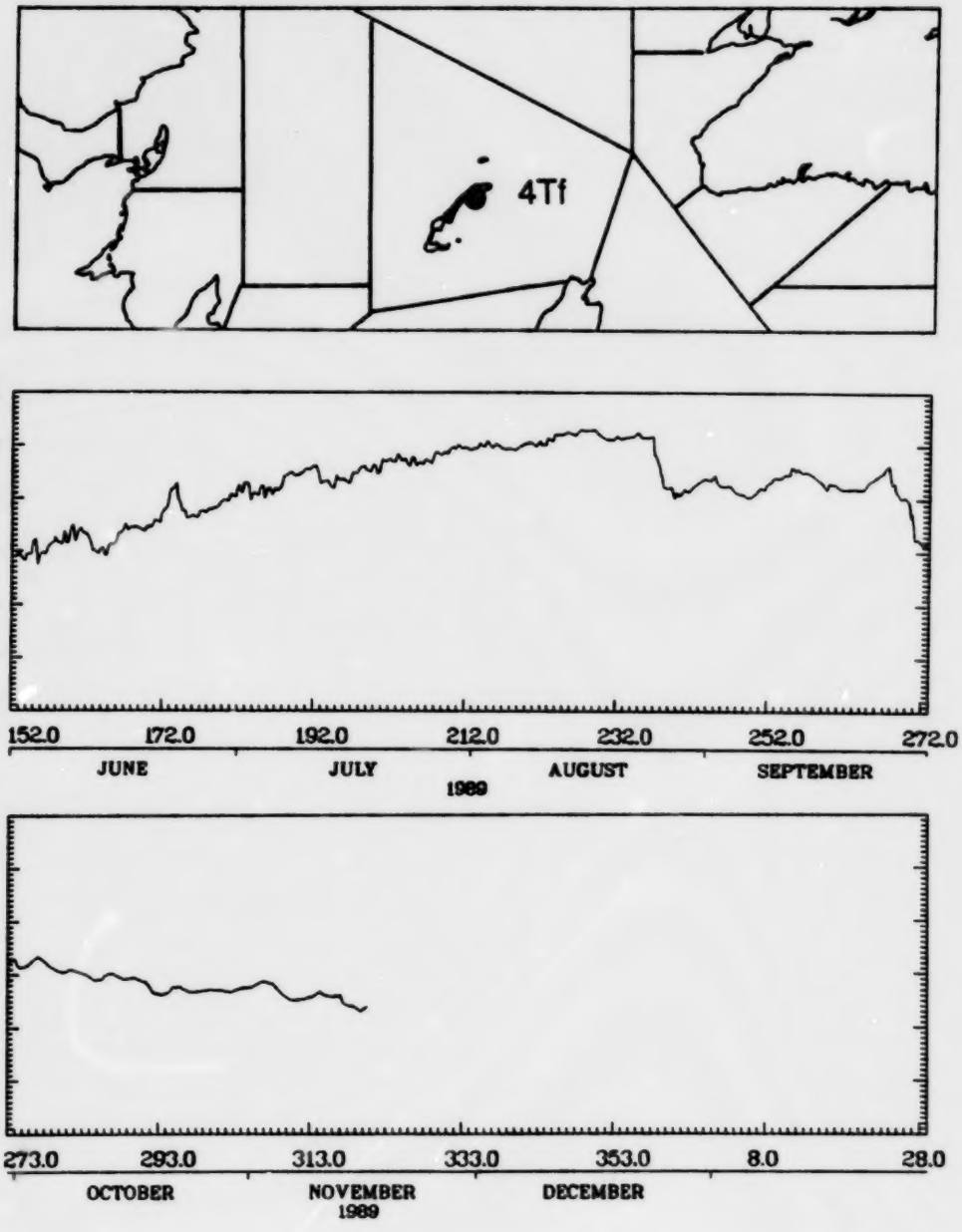
ILES DE LA MADELEINE PQ (GRANDE ENTREE)
47.57N 61.53W 1845Z 17/11/86 - 1045Z 20/05/87
INST. 63256

ILES DE LA MADELEINE PQ (GRANDE ENTREE) STA. 4TF 143

WATER DEPTH 6.0M. INST DEPTH 2.0M. LATITUDE 47.56 LONGITUDE 61.53 FROM 1/ 6/ 89 TO 16/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
152	9.8	9.8	5.8	217	19.7	1010.8	746.8	282	10.3	2091.7	1567.7
153	9.4	19.2	11.2	218	19.6	1030.4	762.4	283	10.0	2101.8	1573.8
154	9.9	29.2	17.2	219	20.0	1050.4	778.4	284	9.6	2111.4	1579.4
155	10.1	39.2	23.2	220	20.2	1070.7	794.7	285	9.6	2121.0	1585.0
156	10.0	49.2	29.2	221	20.1	1090.8	810.8	286	10.0	2131.0	1591.0
157	10.8	60.0	36.0	222	20.2	1111.0	827.0	287	9.9	2140.9	1596.9
158	10.8	70.8	42.8	223	20.7	1131.6	843.6	288	9.6	2150.6	1602.6
159	11.3	82.1	50.1	224	21.0	1152.6	860.6	289	9.7	2160.2	1608.2
160	11.7	93.8	57.8	225	21.2	1173.8	877.8	290	9.6	2169.8	1613.8
161	11.9	105.7	65.7	226	21.1	1194.9	894.9	291	9.2	2179.0	1619.0
162	11.0	116.7	72.7	227	21.4	1216.3	912.3	292	8.4	2187.4	1623.4
163	10.0	126.6	78.6	228	21.5	1237.8	929.8	293	8.1	2195.5	1627.5
164	9.9	136.6	84.6	229	21.2	1259.0	947.0	294	8.4	2203.9	1631.9
165	10.7	147.2	91.2	230	20.7	1279.6	963.6	295	8.8	2212.8	1636.8
166	11.7	158.9	98.9	231	20.6	1300.3	980.3	296	8.6	2221.4	1641.4
167	12.2	171.2	107.2	232	20.8	1321.0	997.0	297	8.4	2229.8	1645.8
168	12.3	183.4	115.4	233	20.8	1341.8	1013.8	298	8.4	2238.2	1650.2
169	12.1	195.5	123.5	234	21.0	1362.9	1030.9	299	8.5	2246.8	1654.8
170	12.4	207.9	131.9	235	20.8	1383.7	1047.7	300	8.6	2255.3	1659.3
171	13.0	220.9	140.9	236	20.8	1404.5	1064.5	301	8.5	2263.8	1663.8
172	14.1	235.0	151.0	237	18.4	1422.9	1078.9	302	8.4	2272.3	1668.3
173	16.0	251.0	163.0	238	16.3	1439.2	1091.2	303	8.6	2280.8	1672.8
174	14.3	265.3	173.3	239	15.7	1454.9	1102.9	304	8.8	2289.6	1677.6
175	13.3	278.6	182.6	240	15.5	1470.4	1114.4	305	8.9	2298.5	1682.5
176	13.4	292.0	192.0	241	15.8	1486.2	1126.2	306	9.2	2307.7	1687.7
177	13.8	305.7	201.7	242	16.3	1502.5	1138.5	307	9.3	2317.0	1693.0
178	14.0	319.8	211.8	243	16.8	1519.3	1151.3	308	8.9	2325.9	1697.9
179	14.4	334.1	222.1	244	16.8	1536.1	1164.1	309	8.2	2334.0	1702.0
180	14.9	349.0	233.0	245	16.6	1552.7	1176.7	310	7.7	2341.7	1705.7
181	15.4	364.3	244.3	246	16.2	1568.8	1188.8	311	7.6	2349.3	1709.3
182	16.0	380.4	256.4	247	15.9	1584.7	1200.7	312	7.8	2357.1	1713.1
183	15.8	396.1	268.1	248	15.5	1600.2	1212.2	313	8.0	2365.1	1717.1
184	15.5	411.6	279.6	249	15.2	1615.4	1223.4	314	8.2	2373.3	1721.3
185	15.8	427.4	291.4	250	15.6	1631.0	1235.0	315	8.0	2381.3	1725.3
186	15.7	443.1	303.1	251	16.0	1647.1	1247.1	316	8.0	2389.2	1729.2
187	15.9	459.0	315.0	252	16.7	1663.8	1259.8	317	7.4	2396.7	1732.7
188	17.2	476.2	328.2	253	17.0	1680.8	1272.8	318	7.0	2403.7	1735.7
189	17.3	493.5	341.5	254	17.3	1698.1	1286.1	319	6.7	2410.4	1738.4
190	17.4	511.0	355.0	255	17.8	1715.9	1299.9	320	6.9	2417.3	1741.3
191	17.8	528.8	368.8	256	17.6	1733.5	1313.5				
192	17.5	546.3	382.3	257	17.4	1750.8	1326.8				
193	16.6	562.9	394.9	258	16.8	1767.7	1339.7				
194	16.2	579.1	407.1	259	16.2	1783.9	1351.9				
195	16.9	596.0	420.0	260	16.4	1800.3	1364.3				
196	16.6	612.7	432.7	261	16.0	1816.3	1376.3				
197	17.4	630.0	446.0	262	16.0	1832.3	1388.3				
198	17.9	647.9	459.9	263	16.0	1848.2	1400.2				
199	17.8	665.7	473.7	264	16.1	1864.3	1412.3				
200	17.7	683.4	487.4	265	16.8	1881.1	1425.1				
201	18.6	702.0	502.0	266	17.3	1898.4	1438.4				
202	18.6	720.6	516.6	267	17.8	1916.2	1452.2				
203	18.8	739.4	531.4	268	16.0	1932.2	1464.2				
204	18.4	757.7	545.7	269	15.1	1947.3	1475.3				
205	18.5	776.2	560.2	270	14.1	1961.4	1485.4				
206	18.4	794.6	574.6	271	11.1	1972.6	1492.6				
207	18.6	813.2	589.2	272	10.7	1983.3	1499.3				
208	19.3	832.5	604.5	273	11.3	1994.6	1506.6				
209	19.3	851.8	619.8	274	10.9	2005.5	1513.5				
210	19.8	871.6	635.6	275	10.8	2016.3	1520.3				
211	19.9	891.5	651.5	276	11.4	2027.7	1527.7				
212	19.7	911.2	667.2	277	11.6	2039.3	1535.3				
213	19.8	931.1	683.1	278	11.0	2050.3	1542.3				
214	20.1	951.2	699.2	279	10.5	2060.8	1548.8				
215	20.0	971.2	715.2	280	10.3	2071.0	1555.0				
216	20.0	991.1	731.1	281	10.4	2081.5	1561.5				

STN 143 DEPTH 2M



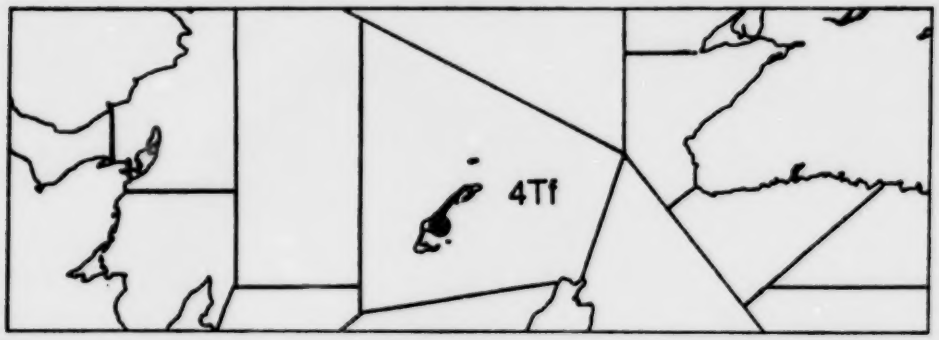
ILES DE LA MADELEINE PQ (GRANDE ENTREE)
47.56N 61.53W 1630Z 01/06/89 - 1230Z 16/11/89
INST. 61526

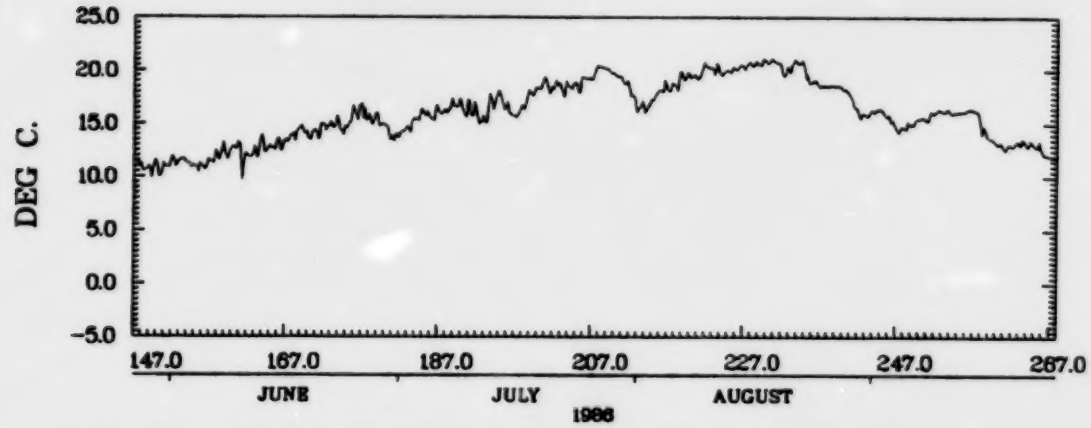
ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS-LAGUNE) STA. 4TF 142

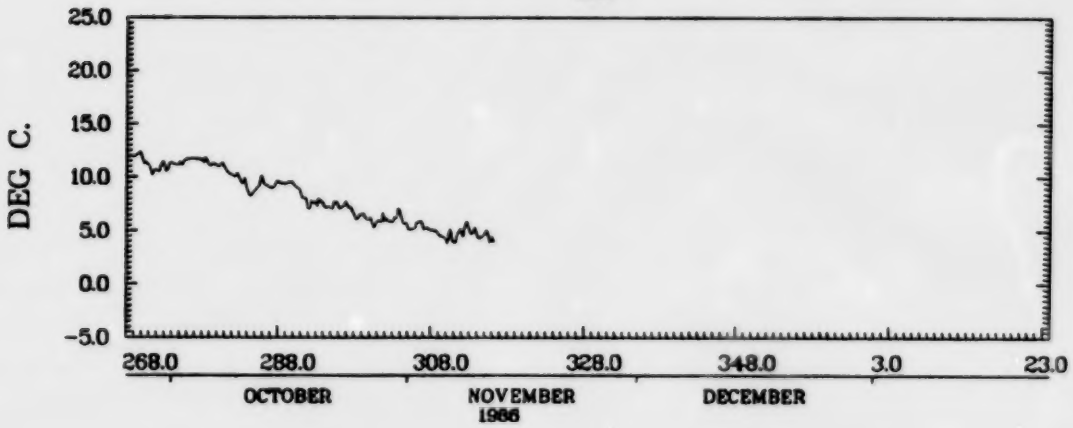
WATER DEPTH 6.0M. INST DEPTH 2.0M. LATITUDE 47.41 LONGITUDE 61.82 FROM 27/ 5/ 86 TO 12/11/ 86

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
147	11.2	11.2	7.2	212	17.5	992.9	728.9	277	11.7	2049.1	1525.1
148	10.8	22.0	14.0	213	16.6	1009.5	741.5	278	11.5	2060.6	1532.6
149	10.8	32.8	20.8	214	16.6	1026.1	754.1	279	11.2	2071.8	1539.8
150	10.6	43.5	27.5	215	17.6	1043.7	767.7	280	11.2	2082.9	1546.9
151	11.1	54.5	34.5	216	18.3	1062.1	782.1	281	10.5	2093.4	1553.4
152	11.4	66.0	42.0	217	18.4	1080.4	796.4	282	10.2	2103.6	1559.6
153	11.6	77.5	49.5	218	19.0	1099.4	811.4	283	9.6	2113.2	1565.2
154	11.1	88.6	56.6	219	19.4	1118.8	826.8	284	8.5	2121.7	1569.7
155	11.0	99.6	63.6	220	19.5	1138.3	842.3	285	9.3	2130.9	1574.9
156	11.1	110.7	70.7	221	19.8	1158.1	858.1	286	9.3	2140.3	1580.3
157	11.7	122.3	78.3	222	20.3	1178.5	874.5	287	9.2	2149.4	1585.4
158	12.3	134.6	86.6	223	20.1	1198.6	890.6	288	9.5	2158.9	1590.9
159	12.2	146.8	94.8	224	19.8	1218.4	906.4	289	9.5	2168.4	1596.4
160	12.9	159.6	103.6	225	20.1	1238.4	922.4	290	9.1	2177.5	1601.5
161	11.5	171.1	111.1	226	20.3	1258.8	938.8	291	7.9	2185.4	1605.4
162	12.0	183.2	119.2	227	20.5	1279.3	955.3	292	7.5	2192.9	1608.9
163	12.8	196.0	128.0	228	20.6	1299.9	971.9	293	7.7	2200.6	1612.6
164	12.9	208.8	136.8	229	20.8	1320.7	988.7	294	7.2	2207.8	1615.8
165	12.8	221.7	145.7	230	20.9	1341.6	1005.6	295	7.4	2215.2	1619.2
166	13.0	234.7	154.7	231	20.8	1362.4	1022.4	296	7.3	2222.5	1622.5
167	13.6	248.3	164.3	232	19.9	1382.4	1038.4	297	7.1	2229.6	1625.6
168	14.1	262.4	174.4	233	20.5	1402.9	1054.9	298	6.3	2235.9	1627.9
169	14.4	276.8	184.8	234	20.7	1423.6	1071.6	299	6.3	2242.2	1630.2
170	13.9	290.7	194.7	235	19.3	1442.9	1086.9	300	5.7	2247.9	1631.9
171	14.3	305.0	205.0	236	18.9	1461.8	1101.8	301	6.0	2253.9	1633.9
172	14.7	319.7	215.7	237	18.5	1480.3	1116.3	302	5.9	2259.9	1635.9
173	15.1	334.8	226.8	238	18.6	1498.8	1130.8	303	6.4	2266.3	1638.3
174	14.5	349.2	237.2	239	18.5	1517.4	1145.4	304	5.8	2272.1	1640.1
175	15.2	364.5	248.5	240	18.1	1535.5	1159.5	305	5.2	2277.3	1641.3
176	16.1	380.5	260.5	241	16.9	1552.4	1172.4	306	5.7	2283.0	1643.0
177	15.9	396.4	272.4	242	15.8	1568.3	1184.3	307	5.2	2288.2	1644.2
178	15.4	411.8	283.8	243	16.0	1584.2	1196.2	308	5.0	2293.2	1645.2
179	15.1	426.9	294.9	244	16.3	1600.5	1208.5	309	4.5	2297.7	1645.7
180	14.3	441.1	305.1	245	16.0	1616.5	1220.5	310	4.3	2302.0	1646.0
181	13.8	454.9	314.9	246	15.3	1631.8	1231.8	311	4.5	2306.5	1646.5
182	14.3	469.3	325.3	247	14.5	1646.3	1242.3	312	5.2	2311.8	1647.8
183	14.9	484.1	336.1	248	14.8	1661.1	1253.1	313	5.0	2316.7	1648.7
184	15.6	499.8	347.8	249	15.1	1676.3	1264.3	314	4.4	2321.2	1649.2
185	15.9	515.7	359.7	250	15.5	1691.8	1275.8	315	4.6	2325.8	1649.8
186	15.8	531.5	371.5	251	15.8	1707.6	1287.6	316	4.1	2329.8	1649.8
187	16.1	547.6	383.6	252	16.2	1723.8	1299.8				
188	16.6	564.2	396.2	253	16.2	1740.0	1312.0				
189	16.8	581.0	409.0	254	16.0	1756.0	1324.0				
190	16.3	597.3	421.3	255	16.1	1772.2	1336.2				
191	16.4	613.7	433.7	256	16.3	1788.5	1348.5				
192	15.5	629.2	445.2	257	16.1	1804.6	1360.6				
193	16.2	645.4	457.4	258	14.3	1818.9	1370.9				
194	17.2	662.6	470.6	259	13.6	1832.5	1380.5				
195	17.0	679.6	483.6	260	13.1	1845.5	1389.5				
196	16.1	695.6	495.6	261	12.8	1858.4	1398.4				
197	16.0	711.7	507.7	262	13.1	1871.5	1407.5				
198	17.1	728.7	520.7	263	13.3	1884.7	1416.7				
199	17.9	746.7	534.7	264	13.2	1897.9	1425.9				
200	18.7	765.3	549.3	265	13.0	1910.9	1434.9				
201	18.4	783.7	563.7	266	12.1	1923.0	1443.0				
202	18.7	802.4	578.4	267	11.9	1934.9	1450.9				
203	18.3	820.7	592.7	268	12.0	1946.9	1458.9				
204	18.5	839.2	607.2	269	12.1	1959.0	1467.0				
205	18.6	857.8	621.8	270	11.5	1970.5	1474.5				
206	19.2	877.0	637.0	271	10.6	1981.1	1481.1				
207	19.8	896.9	652.9	272	10.9	1992.0	1488.0				
208	20.3	917.1	669.1	273	10.9	2003.0	1495.0				
209	19.9	937.1	685.1	274	11.2	2014.2	1502.2				
210	19.5	956.5	700.5	275	11.4	2025.6	1509.6				
211	18.9	975.4	715.4	276	11.7	2037.4	1517.4				

STN 142 DEPTH 2M







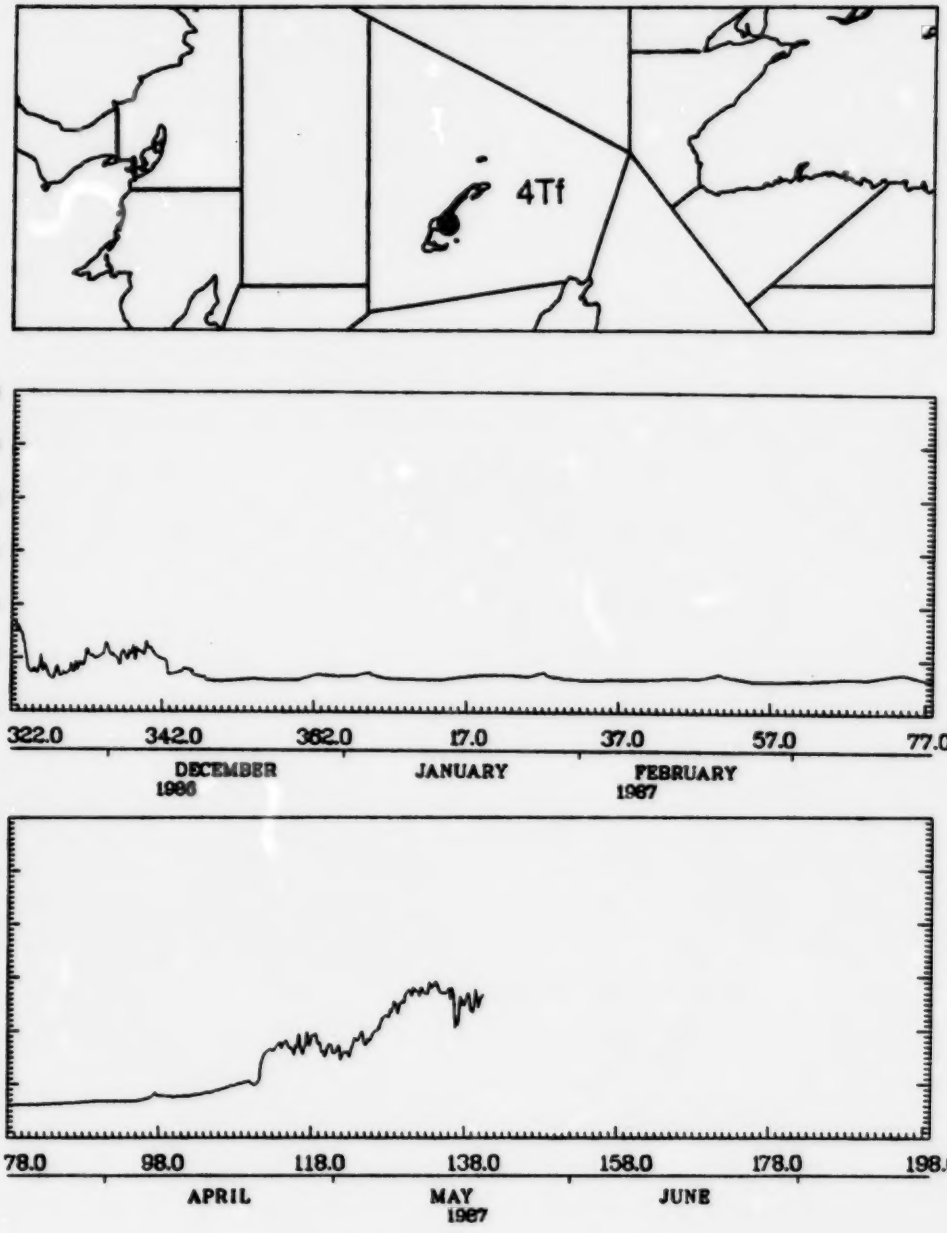
ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS)
47.41N 61.82W 1230Z 27/05/86 - 0430Z 12/11/86
INST. 63256

ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS) STA. 4TF 145

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
6.0M.	2.0M.	47.42	61.82	18/11/ 86	20/ 5/ 87

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
322	2.9	2.9	.0	22	-1.5	8.9	.0	87	-1.7	8.9	.0
323	1.8	4.7	.0	23	-1.5	8.9	.0	88	-1.6	8.9	.0
324	-1.0	4.7	.0	24	-1.6	8.9	.0	89	-1.6	8.9	.0
325	-.8	4.7	.0	25	-1.5	8.9	.0	90	-1.6	8.9	.0
326	-1.1	4.7	.0	26	-1.3	8.9	.0	91	-1.6	8.9	.0
327	-1.6	4.7	.0	27	-1.4	8.9	.0	92	-1.6	8.9	.0
328	-1.3	4.7	.0	28	-1.7	8.9	.0	93	-1.6	8.9	.0
329	-1.2	4.7	.0	29	-1.8	8.9	.0	94	-1.6	8.9	.0
330	-.9	4.7	.0	30	-1.8	8.9	.0	95	-1.5	8.9	.0
331	-.3	4.7	.0	31	-1.9	8.9	.0	96	-1.3	8.9	.0
332	.3	5.0	.0	32	-1.9	8.9	.0	97	-1.0	8.9	.0
333	.1	5.1	.0	33	-1.9	8.9	.0	98	-1.1	8.9	.0
334	.8	5.9	.0	34	-1.9	8.9	.0	99	-1.2	8.9	.0
335	.3	6.2	.0	35	-1.9	8.9	.0	100	-1.2	8.9	.0
336	.1	6.3	.0	36	-1.9	8.9	.0	101	-1.1	8.9	.0
337	.3	6.6	.0	37	-1.9	8.9	.0	102	-1.0	8.9	.0
338	.6	7.2	.0	38	-1.9	8.9	.0	103	-.9	8.9	.0
339	.8	8.0	.0	39	-1.9	8.9	.0	104	-.8	8.9	.0
340	.8	8.8	.0	40	-1.9	8.9	.0	105	-.6	8.9	.0
341	.1	8.9	.0	41	-1.8	8.9	.0	106	-.4	8.9	.0
342	-.6	8.9	.0	42	-1.8	8.9	.0	107	-.2	8.9	.0
343	-1.4	8.9	.0	43	-1.8	8.9	.0	108	.0	8.9	.0
344	-1.2	8.9	.0	44	-1.7	8.9	.0	109	.2	9.1	.0
345	-1.1	8.9	.0	45	-1.7	8.9	.0	110	.0	9.1	.0
346	-1.6	8.9	.0	46	-1.7	8.9	.0	111	1.7	10.8	.0
347	-1.8	8.9	.0	47	-1.7	8.9	.0	112	3.2	14.0	.0
348	-2.1	8.9	.0	48	-1.6	8.9	.0	113	3.6	17.6	.0
349	-2.1	8.9	.0	49	-1.5	8.9	.0	114	3.8	21.4	.0
350	-2.1	8.9	.0	50	-1.4	8.9	.0	115	3.3	24.6	.0
351	-2.0	8.9	.0	51	-1.6	8.9	.0	116	3.6	28.3	.0
352	-2.0	8.9	.0	52	-1.7	8.9	.0	117	3.9	32.2	.0
353	-1.9	8.9	.0	53	-1.8	8.9	.0	118	4.4	36.6	.4
354	-1.9	8.9	.0	54	-2.0	8.9	.0	119	3.1	39.7	.4
355	-1.9	8.9	.0	55	-2.0	8.9	.0	120	3.4	43.0	.4
356	-2.0	8.9	.0	56	-2.0	8.9	.0	121	3.0	46.0	.4
357	-2.0	8.9	.0	57	-2.0	8.9	.0	122	2.9	48.9	.4
358	-2.0	8.9	.0	58	-2.0	8.9	.0	123	3.8	52.7	.4
359	-2.0	8.9	.0	59	-2.0	8.9	.0	124	4.3	57.0	.7
360	-1.9	8.9	.0	60	-1.9	8.9	.0	125	4.2	61.2	.8
361	-1.7	8.9	.0	61	-1.9	8.9	.0	126	5.1	66.3	1.9
362	-1.5	8.9	.0	62	-1.9	8.9	.0	127	6.2	72.5	4.2
363	-1.6	8.9	.0	63	-1.9	8.9	.0	128	7.1	79.6	7.2
364	-1.6	8.9	.0	64	-1.8	8.9	.0	129	7.4	87.0	10.6
365	-1.6	8.9	.0	65	-1.8	8.9	.0	130	8.4	95.4	15.1
1	-1.6	8.9	.0	66	-1.7	8.9	.0	131	8.7	104.1	19.8
2	-1.6	8.9	.0	67	-1.7	8.9	.0	132	8.6	112.7	24.4
3	-1.4	8.9	.0	68	-1.7	8.9	.0	133	9.0	121.8	29.4
4	-1.4	8.9	.0	69	-1.7	8.9	.0	134	9.0	130.8	34.5
5	-1.7	8.9	.0	70	-1.6	8.9	.0	135	8.7	139.5	39.1
6	-1.8	8.9	.0	71	-1.5	8.9	.0	136	7.6	147.0	42.7
7	-1.9	8.9	.0	72	-1.4	8.9	.0	137	7.2	154.3	45.9
8	-1.9	8.9	.0	73	-1.3	8.9	.0	138	7.8	162.0	49.7
9	-1.9	8.9	.0	74	-1.3	8.9	.0	139	7.7	169.7	53.4
10	-1.9	8.9	.0	75	-1.5	8.9	.0	140	8.2	177.9	57.6
11	-1.9	8.9	.0	76	-1.7	8.9	.0				
12	-1.9	8.9	.0	77	-1.9	8.9	.0				
13	-1.9	8.9	.0	78	-1.9	8.9	.0				
14	-1.9	8.9	.0	79	-1.9	8.9	.0				
15	-1.8	8.9	.0	80	-1.9	8.9	.0				
16	-1.7	8.9	.0	81	-1.9	8.9	.0				
17	-1.6	8.9	.0	82	-1.9	8.9	.0				
18	-1.5	8.9	.0	83	-1.8	8.9	.0				
19	-1.5	8.9	.0	84	-1.8	8.9	.0				
20	-1.5	8.9	.0	85	-1.8	8.9	.0				
21	-1.5	8.9	.0	86	-1.7	8.9	.0				

STN 145 DEPTH 2M



ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS)
47.42N 61.82W 1500Z 18/11/86 - 1100Z 20/05/87
INST. 63259

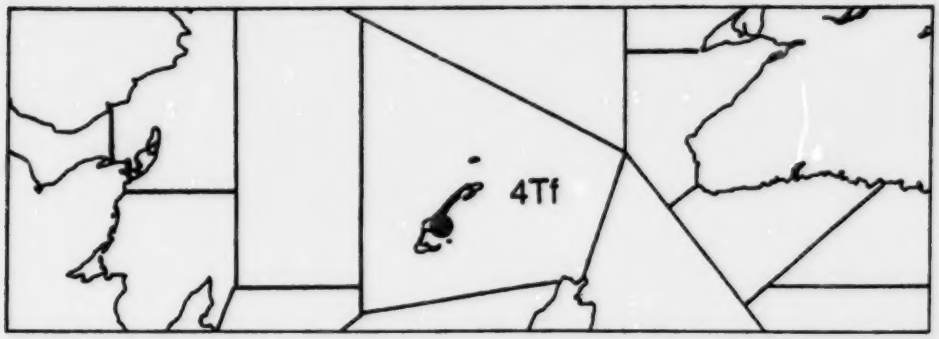
ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS-LAGUNE)

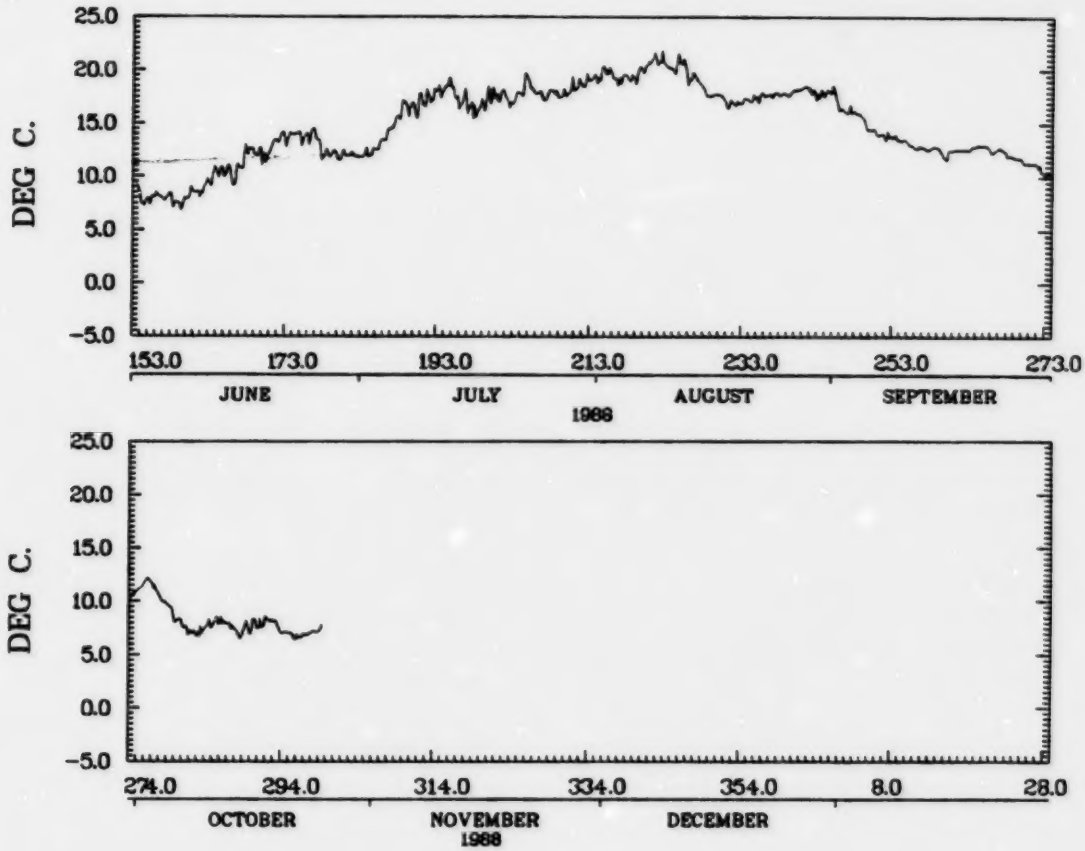
STA. 4TF 141

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
6.0M.	2.0M.	47.41	61.82	1/ 6/ 88	25/10/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
153	8.9	8.9	4.9	218	19.2	947.3	683.3	283	7.1	1905.3	1381.3
154	7.6	16.6	8.6	219	19.8	967.1	699.1	284	7.8	1913.0	1385.0
155	7.9	24.4	12.4	220	20.4	987.5	715.5	285	8.1	1921.1	1389.1
156	8.2	32.6	16.6	221	21.0	1008.5	732.5	286	8.1	1929.2	1393.2
157	8.1	40.7	20.7	222	21.0	1029.5	749.5	287	7.7	1936.9	1396.9
158	7.6	48.3	24.3	223	20.3	1049.7	765.7	288	7.0	1943.8	1399.8
159	7.4	55.7	27.7	224	20.5	1070.3	782.3	289	7.5	1951.3	1403.3
160	8.3	64.0	32.0	225	20.3	1090.6	798.6	290	7.7	1959.1	1407.1
161	8.5	72.5	36.5	226	19.4	1110.0	814.0	291	7.7	1966.8	1410.8
162	9.0	81.5	41.5	227	18.8	1128.8	828.8	292	8.3	1975.1	1415.1
163	9.9	91.4	47.4	228	17.8	1146.6	842.6	293	7.9	1983.0	1419.0
164	10.5	101.9	53.9	229	17.7	1164.3	856.3	294	7.1	1990.1	1422.1
165	10.6	112.5	60.5	230	17.5	1181.8	869.8	295	6.9	1996.9	1424.9
166	9.9	122.4	66.4	231	16.9	1198.6	882.6	296	6.7	2003.6	1427.6
167	11.3	133.7	73.7	232	16.9	1215.5	895.5	297	6.9	2010.6	1430.6
168	12.5	146.2	82.2	233	17.2	1232.8	908.8	298	7.2	2017.7	1433.7
169	12.3	158.5	90.5	234	17.3	1250.1	922.1	299	7.5	2025.2	1437.2
170	11.7	170.1	98.1	235	17.6	1267.7	935.7				
171	13.0	183.1	107.1	236	17.7	1285.4	949.4				
172	13.8	196.9	116.9	237	17.8	1303.1	963.1				
173	13.6	210.5	126.5	238	17.8	1320.9	976.9				
174	14.0	224.5	136.5	239	17.8	1338.7	990.7				
175	13.6	238.2	146.2	240	18.2	1356.9	1004.9				
176	14.0	252.1	156.1	241	18.4	1375.3	1019.3				
177	13.2	265.3	165.3	242	17.8	1393.1	1033.1				
178	12.1	277.4	173.4	243	17.8	1410.9	1046.9				
179	12.2	289.7	181.7	244	18.0	1428.9	1060.9				
180	11.9	301.6	189.6	245	17.5	1446.4	1074.4				
181	12.0	313.6	197.6	246	16.3	1462.7	1086.7				
182	11.9	325.5	205.5	247	16.2	1479.0	1099.0				
183	12.1	337.6	213.6	248	15.9	1494.9	1110.9				
184	12.2	349.8	221.8	249	15.0	1509.9	1121.9				
185	12.9	362.7	230.7	250	14.4	1524.3	1132.3				
186	13.9	376.7	240.7	251	14.0	1538.3	1142.3				
187	15.0	391.7	251.7	252	13.8	1552.1	1152.1				
188	16.4	408.1	264.1	253	13.7	1565.7	1161.7				
189	16.5	424.5	276.5	254	13.4	1579.2	1171.2				
190	16.6	441.1	289.1	255	13.0	1592.2	1180.2				
191	17.3	458.4	302.4	256	12.8	1605.0	1189.0				
192	17.5	475.9	315.9	257	12.7	1617.7	1197.7				
193	18.0	494.0	330.0	258	12.8	1630.4	1206.4				
194	18.7	512.6	344.6	259	12.3	1642.8	1214.8				
195	17.6	530.2	358.2	260	12.2	1655.0	1223.0				
196	17.2	547.4	371.4	261	12.5	1667.5	1231.5				
197	16.3	563.7	383.7	262	12.6	1680.1	1240.1				
198	16.3	580.1	396.1	263	12.7	1692.8	1248.8				
199	17.1	597.2	409.2	264	13.0	1705.8	1257.8				
200	17.6	614.8	422.8	265	12.8	1718.6	1266.6				
201	17.7	632.4	436.4	266	12.5	1731.0	1275.0				
202	17.0	649.5	449.5	267	12.6	1743.6	1283.6				
203	17.6	667.0	463.0	268	11.9	1755.6	1291.6				
204	18.7	685.7	477.7	269	11.8	1767.4	1299.4				
205	18.2	704.0	492.0	270	11.3	1778.7	1306.7				
206	17.7	721.7	505.7	271	11.3	1790.0	1314.0				
207	17.7	739.4	519.4	272	10.7	1800.7	1320.7				
208	17.9	757.2	533.2	273	10.3	1811.0	1327.0				
209	17.7	774.9	546.9	274	10.5	1821.4	1333.4				
210	18.3	793.2	561.2	275	11.2	1832.6	1340.6				
211	18.6	811.8	575.8	276	11.9	1844.6	1348.6				
212	19.0	830.8	590.8	277	11.2	1855.8	1355.8				
213	19.2	850.0	606.0	278	10.1	1865.9	1361.9				
214	19.7	869.8	621.8	279	9.4	1875.3	1367.3				
215	19.9	889.6	637.6	280	8.2	1883.5	1371.5				
216	19.1	908.7	652.7	281	7.5	1891.0	1375.0				
217	19.3	928.1	668.1	282	7.1	1898.2	1378.2				

STN 141 DEPTH 2M





ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS)
47.41N 61.82W 1230Z 01/06/88 - 1230Z 25/10/88
INST. 64078

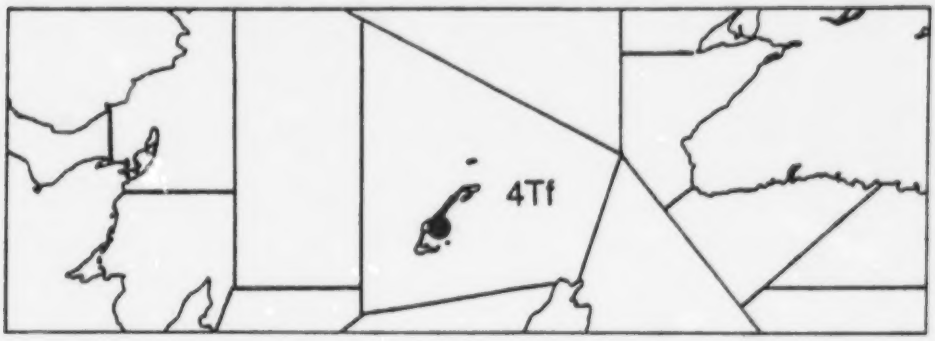
ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS)

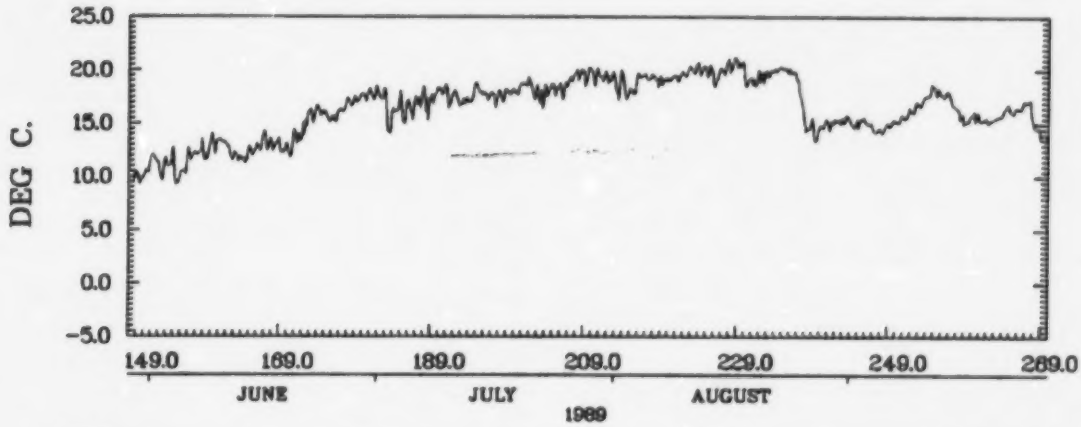
STA. 4TF 140

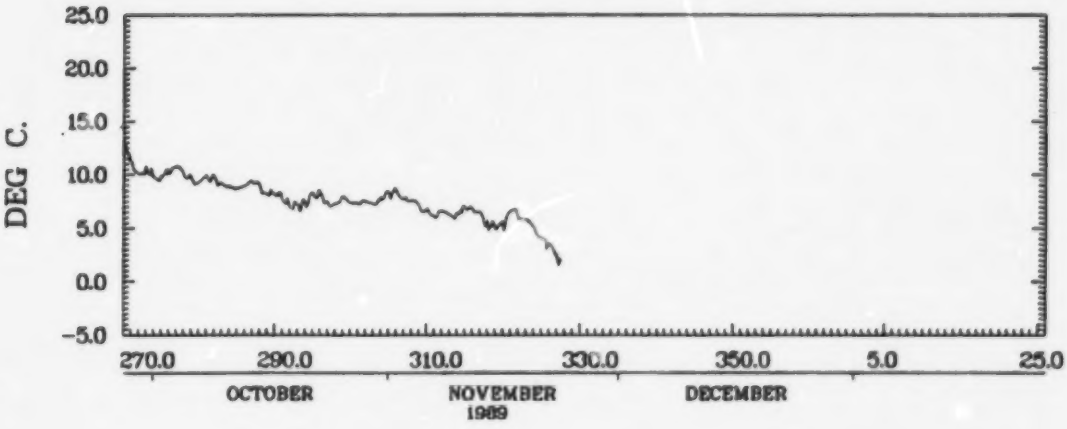
WATER DEPTH 6.0M. INST DEPTH 2.0M. LATITUDE 47.41 LONGITUDE 61.81 FROM 29/ 5/ 89 TO 23/11/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
149	9.9	9.9	5.9	214	18.0	1030.9	766.9	279	9.3	2084.1	1560.1
150	9.8	19.8	11.8	215	18.4	1049.3	781.3	280	9.7	2093.8	1565.8
151	10.8	30.6	18.6	216	19.5	1068.8	796.8	281	9.7	2103.5	1571.5
152	11.6	42.2	26.2	217	19.3	1088.1	812.1	282	9.3	2112.8	1576.8
153	10.7	52.9	32.9	218	19.1	1107.3	827.3	283	9.0	2121.7	1581.7
154	11.6	64.4	40.4	219	19.0	1126.3	842.3	284	8.7	2130.5	1586.5
155	9.8	74.3	46.3	220	19.3	1145.6	857.6	285	8.8	2139.3	1591.3
156	11.0	85.3	53.3	221	19.5	1165.1	873.1	286	9.2	2148.5	1596.5
157	12.1	97.3	61.3	222	19.9	1185.0	889.0	287	9.2	2157.7	1601.7
158	12.4	109.7	69.7	223	20.3	1205.3	905.3	288	8.3	2166.1	1606.1
159	12.3	122.1	78.1	224	20.0	1225.3	921.3	289	8.3	2174.3	1610.3
160	13.2	135.3	87.3	225	19.7	1245.0	937.0	290	8.1	2182.4	1614.4
161	13.3	148.6	96.6	226	19.4	1264.4	952.4	291	7.4	2189.8	1617.8
162	12.2	160.8	104.8	227	20.4	1284.8	968.8	292	7.1	2196.9	1620.9
163	11.8	172.6	112.6	228	20.6	1305.4	985.4	293	7.2	2204.1	1624.1
164	11.8	184.4	120.4	229	20.5	1325.9	1001.9	294	7.7	2211.8	1627.8
165	12.5	196.9	128.9	230	18.9	1344.8	1016.8	295	8.1	2219.9	1631.9
166	13.1	210.0	138.0	231	19.2	1364.0	1032.0	296	7.6	2227.5	1635.5
167	13.2	223.1	147.1	232	19.5	1383.5	1047.5	297	7.2	2234.7	1638.7
168	13.0	236.2	156.2	233	19.8	1403.3	1063.3	298	7.6	2242.3	1642.3
169	12.5	248.6	164.6	234	20.2	1423.4	1079.4	299	7.6	2249.9	1645.9
170	12.7	261.3	173.3	235	20.1	1443.5	1095.5	300	7.3	2257.2	1649.2
171	13.6	274.9	182.9	236	19.6	1463.1	1111.1	301	7.4	2264.7	1652.7
172	15.2	290.1	194.1	237	17.2	1480.3	1124.3	302	7.4	2272.0	1656.0
173	15.9	305.9	205.9	238	14.7	1495.0	1135.0	303	7.5	2279.6	1659.6
174	16.0	322.0	218.0	239	14.0	1509.0	1145.0	304	8.1	2287.7	1663.7
175	15.5	337.5	229.5	240	15.0	1523.9	1155.9	305	8.3	2296.0	1668.0
176	15.8	353.2	241.2	241	15.0	1538.9	1166.9	306	8.0	2303.9	1671.9
177	16.5	369.8	253.8	242	15.3	1554.2	1178.2	307	7.6	2311.5	1675.5
178	17.1	386.8	266.8	243	15.5	1569.7	1189.7	308	7.4	2319.0	1679.0
179	17.4	404.2	280.2	244	15.0	1584.6	1200.6	309	6.6	2325.6	1681.6
180	17.8	422.0	294.0	245	15.3	1599.9	1211.9	310	6.4	2332.0	1684.0
181	17.8	439.8	307.8	246	15.0	1614.9	1222.9	311	6.3	2338.3	1686.3
182	17.7	457.5	321.5	247	14.4	1629.2	1233.2	312	6.4	2344.7	1688.7
183	15.3	472.8	332.8	248	14.6	1643.8	1243.8	313	6.1	2350.9	1690.9
184	16.7	489.5	345.5	249	15.1	1658.9	1254.9	314	6.6	2357.5	1693.5
185	16.0	505.4	357.4	250	15.4	1674.3	1266.3	315	6.9	2364.4	1696.4
186	16.5	521.9	369.9	251	15.9	1690.2	1278.2	316	6.5	2370.9	1698.9
187	17.3	539.2	383.2	252	16.5	1706.7	1290.7	317	5.7	2376.6	1700.6
188	16.9	556.1	396.1	253	17.1	1723.8	1303.8	318	5.2	2381.8	1701.8
189	17.7	573.8	409.8	254	18.0	1741.7	1317.7	319	5.3	2387.1	1703.1
190	18.1	592.0	424.0	255	18.0	1759.8	1331.8	320	5.9	2393.0	1705.0
191	17.3	609.3	437.3	256	17.7	1777.5	1345.5	321	6.6	2399.6	1707.6
192	17.3	626.6	450.6	257	16.9	1794.4	1358.4	322	5.8	2405.4	1709.4
193	17.1	643.7	463.7	258	15.8	1810.1	1370.1	323	5.5	2410.9	1710.9
194	17.7	661.4	477.4	259	15.4	1825.5	1381.5	324	4.3	2415.3	1711.3
195	18.0	679.4	491.4	260	15.7	1841.2	1393.2	325	3.6	2418.9	1711.3
196	17.6	697.0	505.0	261	15.3	1856.5	1404.5	326	2.9	2421.8	1711.3
197	17.5	714.5	518.5	262	15.3	1871.8	1415.8	327	1.9	2423.7	1711.3
198	17.7	732.2	532.2	263	15.6	1887.4	1427.4				
199	18.0	750.2	546.2	264	16.4	1903.9	1439.9				
200	18.2	768.4	560.4	265	16.2	1920.1	1452.1				
201	18.8	787.2	575.2	266	16.7	1936.8	1464.8				
202	18.1	805.3	589.3	267	16.5	1953.3	1477.3				
203	17.5	822.8	602.8	268	14.4	1967.7	1487.7				
204	18.3	841.1	617.1	269	13.5	1981.2	1497.2				
205	18.3	859.4	631.4	270	12.1	1993.4	1505.4				
206	18.2	877.6	645.6	271	10.5	2003.8	1511.8				
207	19.4	897.0	661.0	272	10.2	2014.1	1518.1				
208	19.7	916.7	676.7	273	10.1	2024.2	1524.2				
209	19.5	936.2	692.2	274	9.6	2033.8	1529.8				
210	19.5	955.7	707.7	275	10.1	2044.0	1536.0				
211	19.5	975.1	723.1	276	10.5	2054.5	1542.5				
212	19.3	994.4	738.4	277	10.6	2065.1	1549.1				
213	18.6	1013.0	753.0	278	9.8	2074.9	1554.9				

STN 140 DEPTH 2M







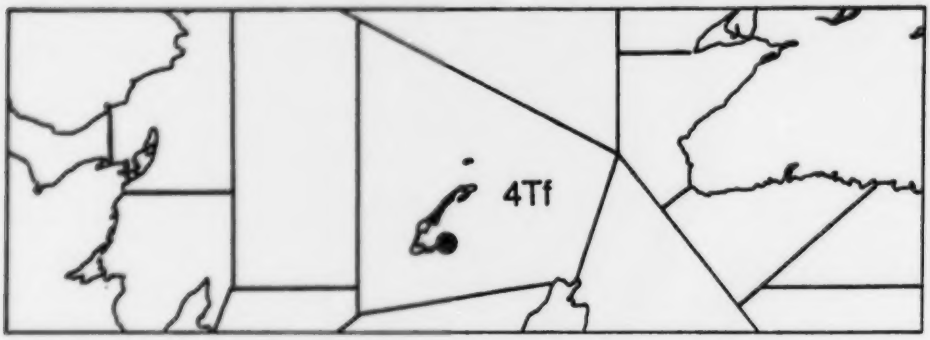
ILES DE LA MADELEINE PQ (HAVRE AUX MAISONS)
47.41N 61.81W 1530Z 29/05/89 - 1130Z 23/11/89
INST. 63912

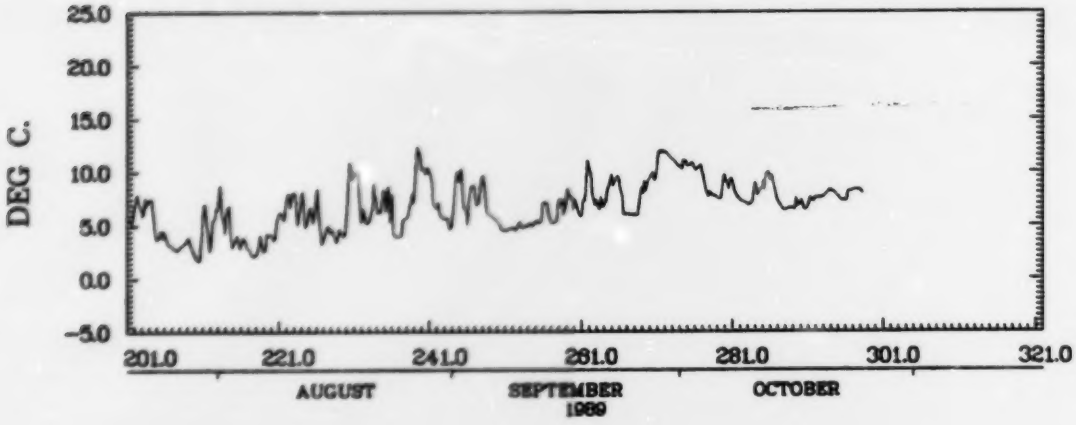
ILES DE LA MADELEINE (ILE D'ENTREE) STA. 4TF 127

WATER DEPTH 30.0M.	INST DEPTH 30.0M.	LATITUDE 47.27	LONGITUDE 61.70	FROM 20/ 7/ 89	TO 25/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
201	5.7	5.7	1.7	266	7.1	395.1	140.3				
202	7.2	12.8	4.8	267	6.0	401.2	142.3				
203	6.9	19.7	7.7	268	6.9	408.0	145.2				
204	5.9	25.6	9.6	269	8.7	416.8	149.9				
205	4.1	29.8	9.8	270	9.7	426.5	155.6				
206	3.4	33.2	9.8	271	11.9	438.3	163.4				
207	2.8	36.0	9.8	272	11.5	449.9	171.0				
208	3.3	39.3	9.8	273	10.8	460.7	177.8				
209	3.0	42.2	9.8	274	10.7	471.3	184.5				
210	2.5	44.8	9.8	275	10.6	482.0	191.1				
211	5.1	49.9	10.8	276	10.3	492.3	197.4				
212	5.5	55.4	12.3	277	8.4	500.7	201.8				
213	6.3	61.7	14.6	278	7.8	508.4	205.5				
214	5.1	66.8	15.8	279	8.3	516.8	209.9				
215	3.5	70.3	15.8	280	9.0	525.8	214.9				
216	3.4	73.6	15.8	281	7.9	533.7	218.8				
217	2.3	76.0	15.8	282	7.1	540.8	222.0				
218	3.0	79.0	15.8	283	7.5	548.3	225.5				
219	3.7	82.7	15.8	284	8.3	556.6	229.8				
220	4.5	87.1	16.3	285	9.3	566.0	235.1				
221	6.1	93.2	18.4	286	8.6	574.5	239.7				
222	7.5	100.8	21.9	287	6.7	581.2	242.4				
223	6.6	107.3	24.5	288	6.5	587.8	244.9				
224	6.3	113.6	26.7	289	6.9	594.7	247.8				
225	6.3	119.9	29.0	290	6.7	601.4	250.5				
226	5.2	125.1	30.2	291	7.4	608.8	253.9				
227	4.5	129.6	30.7	292	7.6	616.3	257.5				
228	4.0	133.6	30.7	293	8.0	624.3	261.5				
229	4.3	137.9	31.0	294	8.0	632.3	265.5				
230	9.3	147.1	36.3	295	7.4	639.7	268.8				
231	8.5	155.7	40.8	296	8.1	647.8	272.9				
232	5.6	161.2	42.4	297	8.3	656.1	277.2				
233	7.0	168.2	45.4	298	8.0	664.1	281.2				
234	6.9	175.1	48.2								
235	7.1	182.2	51.3								
236	4.7	186.9	52.0								
237	4.9	191.8	52.9								
238	6.8	198.6	55.7								
239	10.8	209.4	62.5								
240	10.2	219.5	68.7								
241	8.2	227.7	72.8								
242	6.2	233.9	75.0								
243	5.2	239.1	76.2								
244	8.2	247.3	80.4								
245	8.0	255.3	84.4								
246	7.7	262.9	88.1								
247	7.8	270.7	91.8								
248	7.5	278.2	95.3								
249	5.7	283.8	97.0								
250	4.8	288.6	97.7								
251	4.6	293.2	98.4								
252	4.8	298.1	99.2								
253	4.9	302.9	100.1								
254	5.1	308.0	101.2								
255	5.6	313.7	102.8								
256	6.5	320.2	105.3								
257	5.6	325.8	106.9								
258	6.8	332.6	109.7								
259	7.6	340.2	113.3								
260	6.5	346.7	115.9								
261	8.6	355.3	120.4								
262	8.3	363.6	124.7								
263	6.9	370.4	127.6								
264	8.5	378.9	132.0								
265	9.2	388.1	137.2								

STN 127 DEPTH 30M





ILES DE LA MADELEINE PQ (ILE D'ENTREE)
47.27N 61.70W 1400Z 20/07/89 - 0600Z 25/10/89
INST. 63439

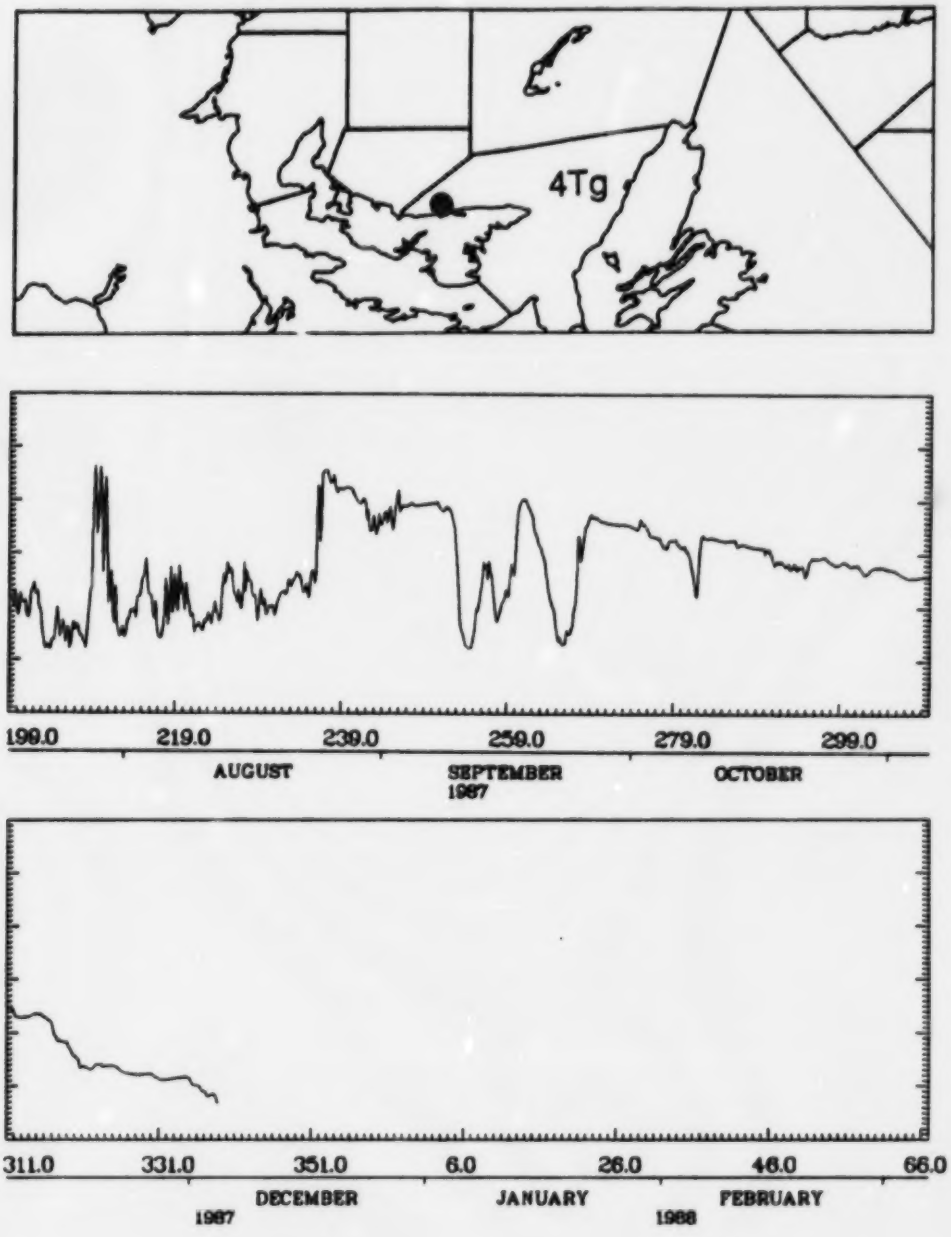
SAVAGE HBR PEI

STA. 4TG 103

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
20.0M.	20.0M.	46.48	62.85	18/ 7/ 87	4/12/ 87

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
199	5.9	5.9	1.9	264	5.1	544.2	295.2	329	1.1	1062.9	582.0
200	5.2	11.1	3.1	265	1.8	546.1	295.2	330	1.0	1063.9	582.0
201	5.3	16.4	4.4	266	2.6	548.7	295.2	331	.6	1064.5	582.0
202	6.0	22.3	6.3	267	8.3	556.9	299.5	332	.7	1065.1	582.0
203	1.7	24.0	6.3	268	12.1	569.1	307.7	333	.8	1065.9	582.0
204	2.5	26.5	6.3	269	13.5	582.6	317.1	334	.8	1066.7	582.0
205	2.8	29.3	6.3	270	13.1	595.6	326.2	335	.3	1067.0	582.0
206	2.5	31.8	6.3	271	12.9	608.5	335.1	336	-.2	1067.0	582.0
207	2.7	34.5	6.3	272	12.8	621.3	343.9	337	-.8	1067.0	582.0
208	3.1	37.6	6.3	273	12.7	634.0	352.6	338	-1.1	1067.0	582.0
209	13.4	51.0	15.8	274	12.4	646.4	361.0				
210	13.7	64.8	25.5	275	12.8	659.2	369.8				
211	6.1	70.8	27.6	276	11.7	671.0	377.5				
212	2.7	73.6	27.6	277	11.2	682.2	384.7				
213	3.7	77.2	27.6	278	11.0	693.2	391.7				
214	5.2	82.4	28.7	279	11.1	704.2	398.8				
215	7.7	90.1	32.5	280	10.4	714.6	405.2				
216	4.8	95.0	33.3	281	7.7	722.4	408.9				
217	3.3	98.3	33.3	282	10.6	733.0	415.6				
218	5.7	104.0	35.0	283	11.5	744.5	423.1				
219	6.7	110.7	37.7	284	11.4	755.9	430.5				
220	5.4	116.1	39.1	285	11.2	767.1	437.7				
221	3.4	119.5	39.1	286	11.1	778.2	444.8				
222	3.3	122.8	39.1	287	10.9	789.1	451.7				
223	4.4	127.2	39.5	288	10.7	799.9	458.4				
224	5.2	132.4	40.7	289	10.6	810.4	465.0				
225	8.2	140.6	44.9	290	10.2	820.6	471.2				
226	6.0	146.6	46.9	291	9.2	829.8	476.4				
227	7.1	153.7	50.0	292	9.1	838.9	481.5				
228	6.3	160.0	52.3	293	8.8	847.7	486.3				
229	5.3	165.3	53.6	294	8.6	856.3	490.8				
230	4.8	170.1	54.4	295	9.1	865.4	496.0				
231	5.4	175.5	55.8	296	9.6	875.0	501.6				
232	6.7	182.2	58.5	297	9.6	884.6	507.2				
233	7.6	189.9	62.1	298	9.1	893.7	512.2				
234	7.0	196.9	65.2	299	9.2	902.9	517.5				
235	7.3	204.2	68.5	300	9.0	911.8	522.4				
236	14.5	218.8	79.1	301	8.7	920.5	527.1				
237	17.3	236.1	92.4	302	8.3	928.9	531.4				
238	16.3	252.4	104.7	303	8.8	937.7	536.2				
239	16.1	268.5	116.8	304	8.7	946.4	541.0				
240	15.6	284.1	128.4	305	8.5	954.9	545.5				
241	14.9	299.0	139.3	306	8.1	963.1	549.6				
242	12.9	311.9	148.2	307	7.8	970.9	553.5				
243	12.7	324.6	156.9	308	7.8	978.7	557.3				
244	13.6	338.2	166.5	309	7.9	986.6	561.2				
245	14.0	352.3	176.5	310	7.8	994.4	565.0				
246	14.4	366.6	186.9	311	7.3	1001.8	568.3				
247	14.6	381.2	197.5	312	6.5	1008.3	570.9				
248	14.6	395.8	208.1	313	6.5	1014.8	573.4				
249	14.7	410.5	218.8	314	6.7	1021.5	576.0				
250	14.7	425.2	229.5	315	6.7	1028.2	578.8				
251	14.2	439.4	239.7	316	6.3	1034.5	581.0				
252	12.9	452.3	248.6	317	4.8	1039.2	581.8				
253	4.5	456.8	249.1	318	4.2	1043.4	582.0				
254	1.3	458.1	249.1	319	3.4	1046.8	582.0				
255	4.5	462.6	249.6	320	2.3	1049.1	582.0				
256	8.5	471.1	254.1	321	1.8	1050.9	582.0				
257	5.8	476.9	256.0	322	1.7	1052.6	582.0				
258	5.3	482.3	257.3	323	1.9	1054.6	582.0				
259	7.6	489.9	260.9	324	1.9	1056.5	582.0				
260	13.6	503.5	270.5	325	1.8	1058.3	582.0				
261	14.5	518.0	281.0	326	1.3	1059.6	582.0				
262	11.9	529.9	289.0	327	1.1	1060.7	582.0				
263	9.2	539.1	294.1	328	1.1	1061.8	582.0				

STN 103 DEPTH 20M



SAVAGE HBR PEI
46.48N 62.85W 1200Z 18/07/87 - 2000Z 04/12/87
INST. 64174

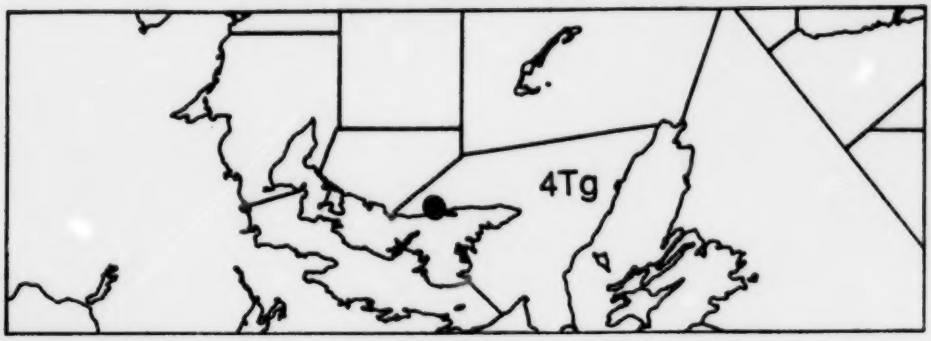
SAVAGE HBR PEI

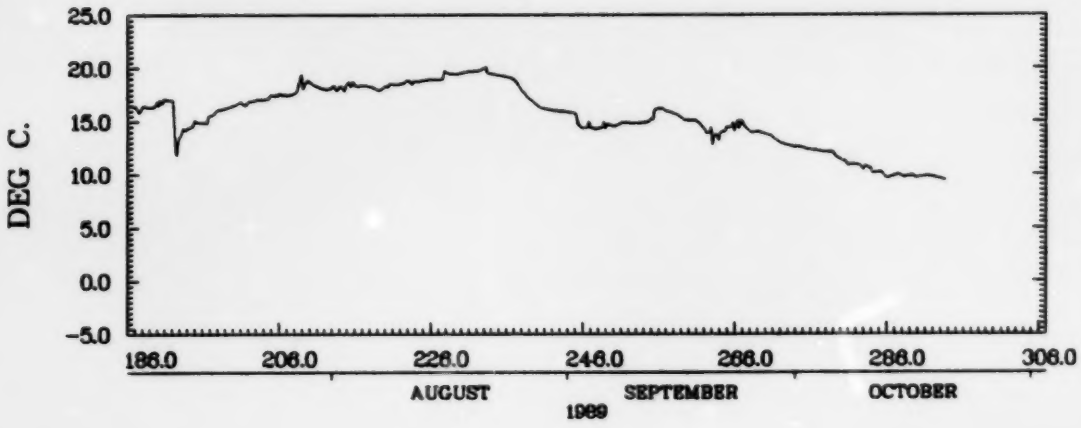
STA. 4TG 133

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
20.0M.	.0M.	46.46	62.85	5/ 7/ 89	20/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
186	16.5	16.5	12.5	251	14.9	1136.5	872.5				
187	16.1	32.6	24.6	252	14.8	1151.3	883.3				
188	16.4	48.9	36.9	253	14.8	1166.2	894.2				
189	16.5	65.4	49.4	254	15.0	1181.1	905.1				
190	16.8	82.3	62.3	255	15.8	1197.0	917.0				
191	17.0	99.3	75.3	256	16.1	1213.1	929.1				
192	13.7	113.0	85.0	257	15.8	1229.0	941.0				
193	14.1	127.1	95.1	258	15.6	1244.5	952.5				
194	14.6	141.7	105.7	259	15.2	1259.7	963.7				
195	14.9	156.6	116.6	260	15.1	1274.8	974.8				
196	15.1	171.7	127.7	261	14.7	1289.5	985.5				
197	15.8	187.5	139.5	262	14.1	1303.6	995.6				
198	16.1	203.6	151.6	263	13.5	1317.0	1005.0				
199	16.3	219.9	163.9	264	14.1	1331.1	1015.1				
200	16.6	236.5	176.5	265	14.5	1345.6	1025.6				
201	16.7	253.2	189.2	266	14.8	1360.4	1036.4				
202	16.9	270.1	202.1	267	14.4	1374.8	1046.8				
203	17.0	287.1	215.1	268	14.0	1388.8	1056.8				
204	17.2	304.3	228.3	269	13.9	1402.8	1066.8				
205	17.5	321.8	241.8	270	13.7	1416.5	1076.5				
206	17.5	339.3	255.3	271	13.2	1429.7	1085.7				
207	17.5	356.8	268.8	272	12.9	1442.5	1094.5				
208	18.3	375.1	283.1	273	12.7	1455.2	1103.2				
209	18.5	393.6	297.6	274	12.6	1467.8	1111.8				
210	18.5	412.1	312.1	275	12.4	1480.1	1120.1				
211	18.1	430.2	326.2	276	12.3	1492.4	1128.4				
212	18.0	448.2	340.2	277	12.1	1504.5	1136.5				
213	18.1	466.4	354.4	278	12.1	1516.6	1144.6				
214	18.2	484.6	368.6	279	11.6	1528.3	1152.3				
215	18.5	503.1	383.1	280	11.2	1539.4	1159.4				
216	18.3	521.4	397.4	281	10.9	1550.3	1166.3				
217	18.3	539.8	411.8	282	10.7	1561.1	1173.1				
218	18.1	557.9	425.9	283	10.7	1571.8	1179.8				
219	18.0	575.9	439.9	284	10.2	1581.9	1185.9				
220	18.4	594.3	454.3	285	10.0	1591.9	1191.9				
221	18.5	612.8	468.8	286	9.8	1601.7	1197.7				
222	18.6	631.4	483.4	287	9.9	1611.6	1203.6				
223	18.7	650.1	498.1	288	9.8	1621.4	1209.4				
224	18.8	668.9	512.9	289	9.8	1631.2	1215.2				
225	18.9	687.8	527.8	290	9.8	1641.0	1221.0				
226	18.9	706.7	542.7	291	9.8	1650.8	1226.8				
227	19.2	725.9	557.9	292	9.7	1660.5	1232.5				
228	19.5	745.4	573.4	293	9.5	1670.0	1238.0				
229	19.5	764.9	588.9								
230	19.6	784.5	604.5								
231	19.7	804.2	620.2								
232	19.8	824.0	636.0								
233	19.7	843.7	651.7								
234	19.4	863.0	667.0								
235	19.3	882.3	682.3								
236	19.1	901.4	697.4								
237	18.4	919.8	711.8								
238	17.5	937.2	725.2								
239	16.8	954.0	738.0								
240	16.3	970.3	750.3								
241	16.1	986.4	762.4								
242	16.0	1002.4	774.4								
243	15.9	1018.3	786.3								
244	15.8	1034.2	798.2								
245	14.8	1049.0	809.0								
246	14.5	1063.5	819.5								
247	14.3	1077.8	829.8								
248	14.5	1092.3	840.3								
249	14.6	1107.0	851.0								
250	14.6	1121.6	861.6								

STN 133 DEPTH 0M





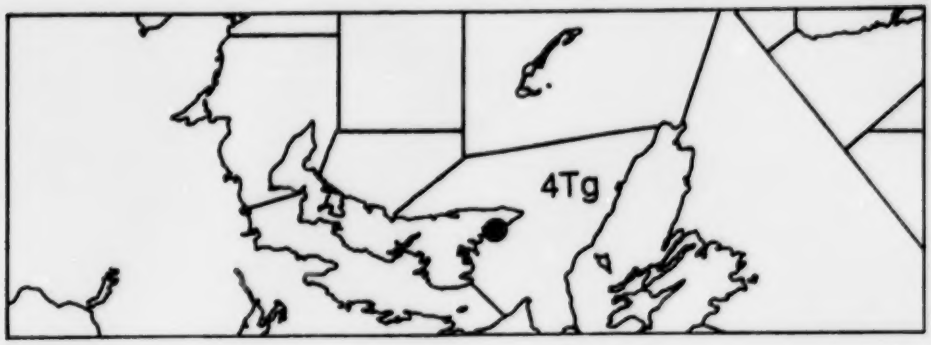
SAVAGE HBR PEI
46.46N 62.85W 1400Z 05/07/89 - 1400Z 20/10/89
INST. 63450

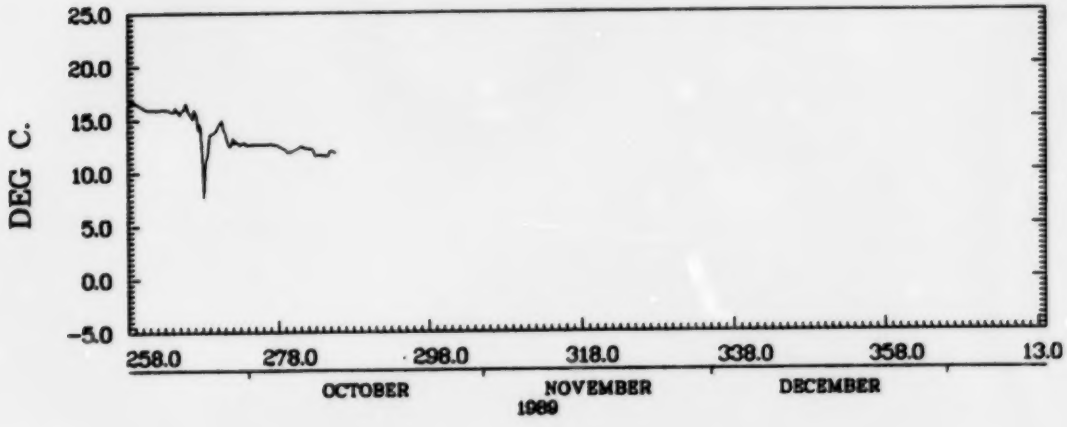
SOURIS HBR PEI (SEAKEM) STA. 4TG 115

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
22.0M.	2.0M.	46.28	62.28	15/ 9/ 89	12/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
258	16.7	16.7	12.7								
259	16.4	33.1	25.1								
260	16.0	49.1	37.1								
261	15.9	65.1	49.1								
262	16.0	81.0	61.0								
263	15.9	96.9	72.9								
264	15.8	112.8	84.8								
265	16.0	128.8	96.8								
266	15.6	144.3	108.3								
267	14.4	158.7	118.7								
268	10.9	169.6	125.6								
269	13.8	183.4	135.4								
270	14.5	197.8	145.8								
271	12.9	210.8	154.8								
272	12.9	223.6	163.6								
273	12.7	236.4	172.4								
274	12.6	249.0	181.0								
275	12.7	261.7	189.7								
276	12.7	274.3	198.3								
277	12.6	287.0	207.0								
278	12.4	299.3	215.3								
279	12.0	311.3	223.3								
280	12.2	323.5	231.5								
281	12.3	335.8	239.8								
282	12.1	347.9	247.9								
283	11.6	359.5	255.5								
284	11.6	371.2	263.2								
285	11.9	383.1	271.1								

STN 115 DEPTH 2M





SOURIS HBR PEI (SEAKEM)
46.32N 62.28W 0000Z 15/09/89 - 1600Z 12/10/89
INST. 63818

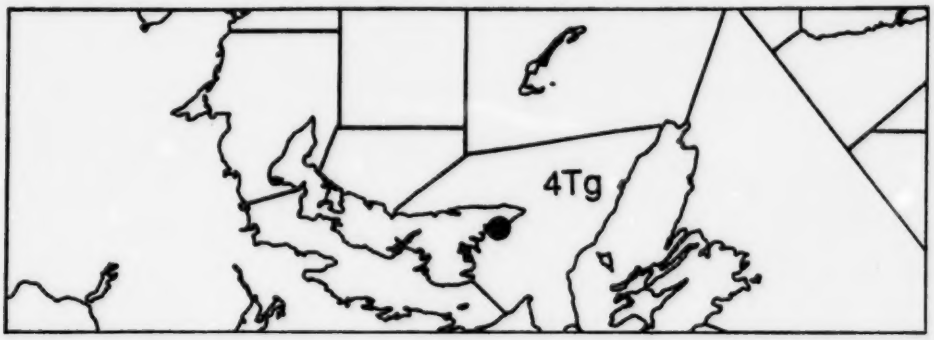
SOURIS HBR PEI (SEAKEM)

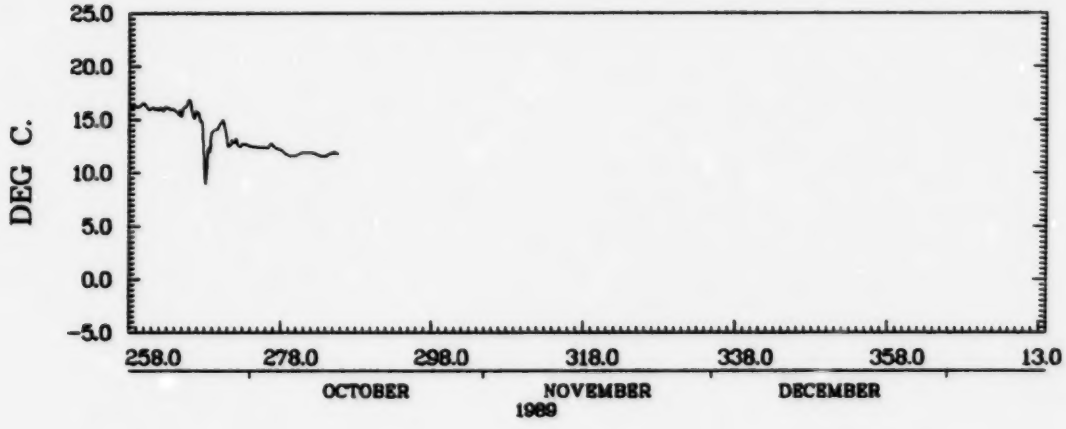
STA. 4TG 116

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
22.0M.	2.0M.	46.33	62.27	15/ 9/ 89	12/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
258	16.3	16.3	12.3								
259	16.3	32.6	24.6								
260	16.2	48.8	36.8								
261	16.0	64.8	48.8								
262	16.0	80.9	60.9								
263	16.0	96.9	72.9								
264	15.7	112.6	84.6								
265	16.2	128.8	96.8								
266	15.8	144.6	108.6								
267	14.7	159.2	119.2								
268	11.5	170.7	126.7								
269	14.1	184.8	136.8								
270	14.4	199.2	147.2								
271	12.8	212.0	156.0								
272	12.8	224.8	164.8								
273	12.7	237.4	173.4								
274	12.4	249.9	181.9								
275	12.4	262.3	190.3								
276	12.5	274.8	198.8								
277	12.3	287.1	207.1								
278	12.0	299.1	215.1								
279	11.6	310.7	222.7								
280	11.7	322.4	230.4								
281	11.9	334.3	238.3								
282	11.8	346.1	246.1								
283	11.6	357.7	253.7								
284	11.7	369.4	261.4								
285	11.9	381.3	269.3								

STN 116 DEPTH 2M





SOURIS HBR PEI (SEAKEM)
46.33N 62.27W 0000Z 15/09/89 - 1600Z 12/10/89
INST. 63335

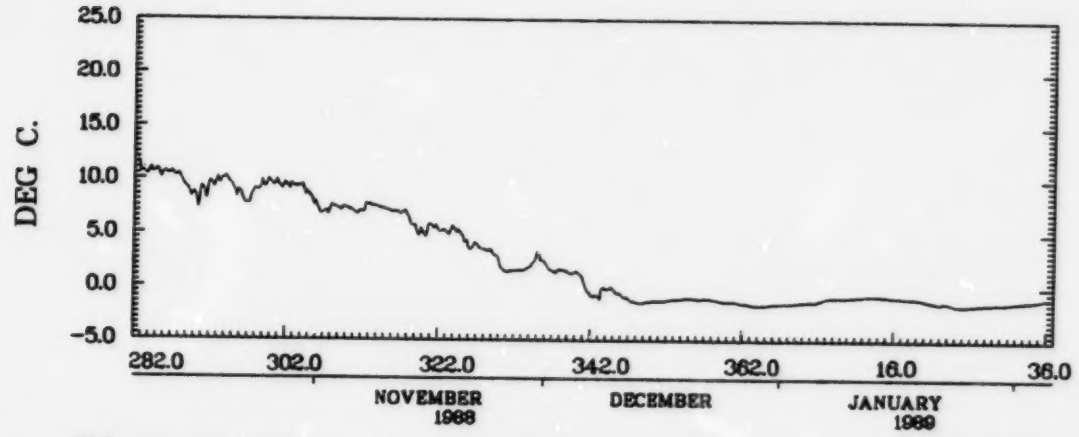
BORDEN PEI

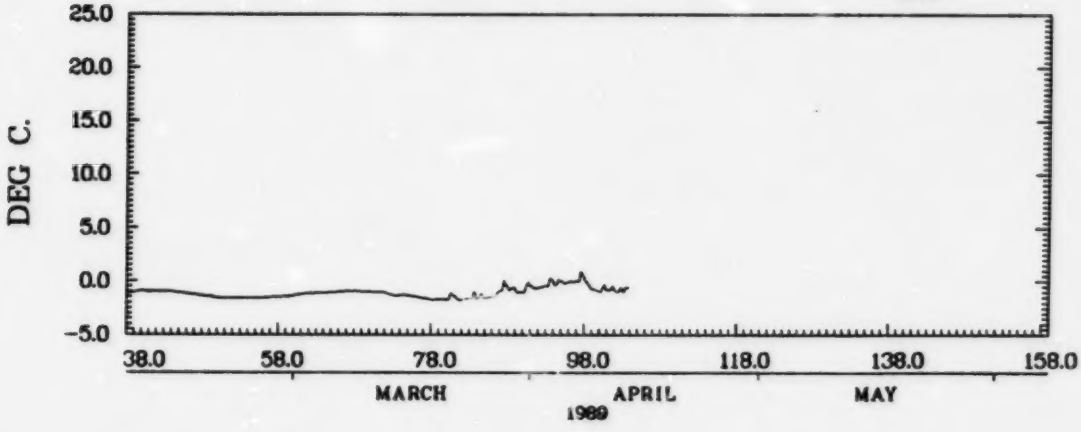
STA. 4TH 102

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	.0M.	46.32	63.73	8/10/ 88	13/ 4/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
282	11.2	11.2	7.2	347	-1.3	390.2	181.6	46	-1.2	390.2	181.6
283	10.6	21.8	13.8	348	-1.4	390.2	181.6	47	-1.3	390.2	181.6
284	10.8	32.6	20.6	349	-1.4	390.2	181.6	48	-1.4	390.2	181.6
285	10.5	43.1	27.1	350	-1.3	390.2	181.6	49	-1.5	390.2	181.6
286	10.6	53.7	33.7	351	-1.3	390.2	181.6	50	-1.6	390.2	181.6
287	10.4	64.1	40.1	352	-1.2	390.2	181.6	51	-1.6	390.2	181.6
288	9.7	73.8	45.8	353	-1.1	390.2	181.6	52	-1.6	390.2	181.6
289	8.8	82.6	50.6	354	-1.0	390.2	181.6	53	-1.6	390.2	181.6
290	8.3	91.0	55.0	355	-1.0	390.2	181.6	54	-1.6	390.2	181.6
291	8.9	99.9	59.9	356	-1.1	390.2	181.6	55	-1.6	390.2	181.6
292	9.6	109.5	65.5	357	-1.1	390.2	181.6	56	-1.5	390.2	181.6
293	9.9	119.4	71.4	358	-1.2	390.2	181.6	57	-1.5	390.2	181.6
294	9.9	129.3	77.3	359	-1.3	390.2	181.6	58	-1.5	390.2	181.6
295	8.9	138.2	82.2	360	-1.3	390.2	181.6	59	-1.4	390.2	181.6
296	8.1	146.3	86.3	361	-1.4	390.2	181.6	60	-1.3	390.2	181.6
297	8.4	154.7	90.7	362	-1.5	390.2	181.6	61	-1.2	390.2	181.6
298	9.2	164.0	96.0	363	-1.6	390.2	181.6	62	-1.1	390.2	181.6
299	9.7	173.6	101.6	364	-1.7	390.2	181.6	63	-1.1	390.2	181.6
300	9.7	183.3	107.3	365	-1.6	390.2	181.6	64	-1.1	390.2	181.6
301	9.5	192.8	112.8	366	-1.5	390.2	181.6	65	-1.0	390.2	181.6
302	9.5	202.2	118.2	1	-1.5	390.2	181.6	66	-1.0	390.2	181.6
303	9.4	211.6	123.6	2	-1.5	390.2	181.6	67	-.9	390.2	181.6
304	9.0	220.6	128.6	3	-1.4	390.2	181.6	68	-.9	390.2	181.6
305	8.2	228.8	132.8	4	-1.4	390.2	181.6	69	-1.0	390.2	181.6
306	7.1	235.9	135.9	5	-1.3	390.2	181.6	70	-1.0	390.2	181.6
307	7.1	243.0	139.0	6	-1.2	390.2	181.6	71	-1.0	390.2	181.6
308	7.5	250.5	142.5	7	-1.0	390.2	181.6	72	-1.2	390.2	181.6
309	7.3	257.8	145.8	8	-1.0	390.2	181.6	73	-1.3	390.2	181.6
310	7.2	265.0	149.0	9	-.9	390.2	181.6	74	-1.3	390.2	181.6
311	6.9	272.0	152.0	10	-.9	390.2	181.6	75	-1.4	390.2	181.6
312	7.4	279.4	155.4	11	-.8	390.2	181.6	76	-1.5	390.2	181.6
313	7.6	286.9	158.9	12	-.8	390.2	181.6	77	-1.6	390.2	181.6
314	7.4	294.3	162.3	13	-.8	390.2	181.6	78	-1.7	390.2	181.6
315	7.1	301.5	165.5	14	-.8	390.2	181.6	79	-1.7	390.2	181.6
316	7.0	308.5	168.5	15	-.9	390.2	181.6	80	-1.4	390.2	181.6
317	6.9	315.4	171.4	16	-.9	390.2	181.6	81	-1.6	390.2	181.6
318	6.0	321.4	173.4	17	-1.0	390.2	181.6	82	-1.7	390.2	181.6
319	5.2	326.6	174.6	18	-1.0	390.2	181.6	83	-1.4	390.2	181.6
320	5.2	331.9	175.9	19	-1.1	390.2	181.6	84	-1.4	390.2	181.6
321	5.6	337.5	177.5	20	-1.2	390.2	181.6	85	-1.5	390.2	181.6
322	5.3	342.8	178.8	21	-1.4	390.2	181.6	86	-1.2	390.2	181.6
323	5.2	348.0	180.0	22	-1.4	390.2	181.6	87	-.5	390.2	181.6
324	5.3	353.2	181.2	23	-1.5	390.2	181.6	88	-.7	390.2	181.6
325	4.4	357.6	181.6	24	-1.6	390.2	181.6	89	-1.0	390.2	181.6
326	3.8	361.4	181.6	25	-1.6	390.2	181.6	90	-.6	390.2	181.6
327	3.7	365.0	181.6	26	-1.6	390.2	181.6	91	-.6	390.2	181.6
328	3.4	368.5	181.6	27	-1.5	390.2	181.6	92	-.5	390.2	181.6
329	2.9	371.4	181.6	28	-1.5	390.2	181.6	93	-.1	390.2	181.6
330	1.6	373.1	181.6	29	-1.5	390.2	181.6	94	-.1	390.2	181.6
331	1.5	374.6	181.6	30	-1.4	390.2	181.6	95	-.1	390.2	181.6
332	1.5	376.1	181.6	31	-1.4	390.2	181.6	96	.0	390.2	181.6
333	1.7	377.7	181.6	32	-1.3	390.2	181.6	97	.4	390.6	181.6
334	2.3	380.1	181.6	33	-1.2	390.2	181.6	98	-.2	390.6	181.6
335	2.7	382.8	181.6	34	-1.2	390.2	181.6	99	-.8	390.6	181.6
336	1.8	384.6	181.6	35	-1.1	390.2	181.6	100	-.7	390.6	181.6
337	1.5	386.1	181.6	36	-1.0	390.2	181.6	101	-.7	390.6	181.6
338	1.5	387.7	181.6	37	-1.1	390.2	181.6	102	-.8	390.6	181.6
339	1.3	389.0	181.6	38	-1.1	390.2	181.6	103	-.7	390.6	181.6
340	1.2	390.2	181.6	39	-1.0	390.2	181.6				
341	-.2	390.2	181.6	40	-1.0	390.2	181.6				
342	-.8	390.2	181.6	41	-1.0	390.2	181.6				
343	-.4	390.2	181.6	42	-1.0	390.2	181.6				
344	-.1	390.2	181.6	43	-1.0	390.2	181.6				
345	-.5	390.2	181.6	44	-1.0	390.2	181.6				
346	-.9	390.2	181.6	45	-1.1	390.2	181.6				

STN 102 DEPTH 0M





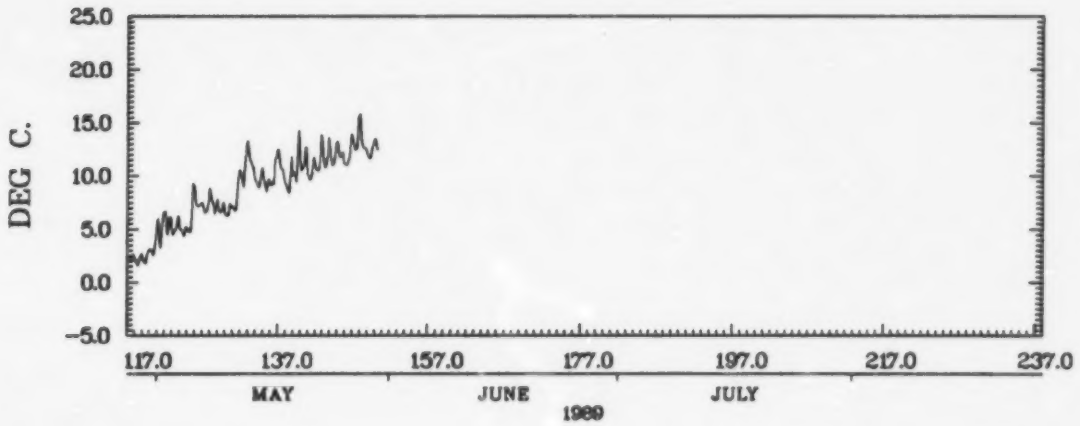
BORDEN PEI
46.32N 63.73W 1300Z 08/10/88 - 2100Z 13/04/89
INST. 64160

BORDEN PEI STA. 4TH 126

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	.0M.	46.32	63.73	27/ 4/ 89	30/ 5/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
117	2.4	2.4	.0								
118	2.1	4.5	.0								
119	2.4	6.9	.0								
120	3.6	10.5	.0								
121	5.2	15.8	1.2								
122	5.5	21.2	2.7								
123	5.2	26.4	3.9								
124	4.9	31.3	4.7								
125	6.4	37.7	7.2								
126	7.3	45.0	10.5								
127	7.2	52.2	13.7								
128	7.4	59.6	17.1								
129	6.8	66.4	19.9								
130	6.8	73.2	22.7								
131	8.2	81.4	26.8								
132	10.8	92.2	33.7								
133	11.0	103.2	40.6								
134	9.7	112.8	46.3								
135	9.3	122.1	51.6								
136	10.6	132.7	58.2								
137	10.6	143.3	64.8								
138	9.7	153.1	70.5								
139	11.4	164.5	78.0								
140	11.3	175.8	85.3								
141	10.5	186.3	91.8								
142	11.7	198.0	99.5								
143	11.9	209.9	107.3								
144	11.9	221.7	115.2								
145	11.7	233.5	122.9								
146	12.1	245.6	131.1								
147	13.7	259.3	140.8								
148	12.7	272.0	149.4								
149	12.4	284.4	157.9								
150	12.7	297.1	166.6								

STN 126 DEPTH 0M



BORDEN PEI
46.32N 63.73W 1100Z 27/04/89 - 0700Z 30/05/89
INST. 63764

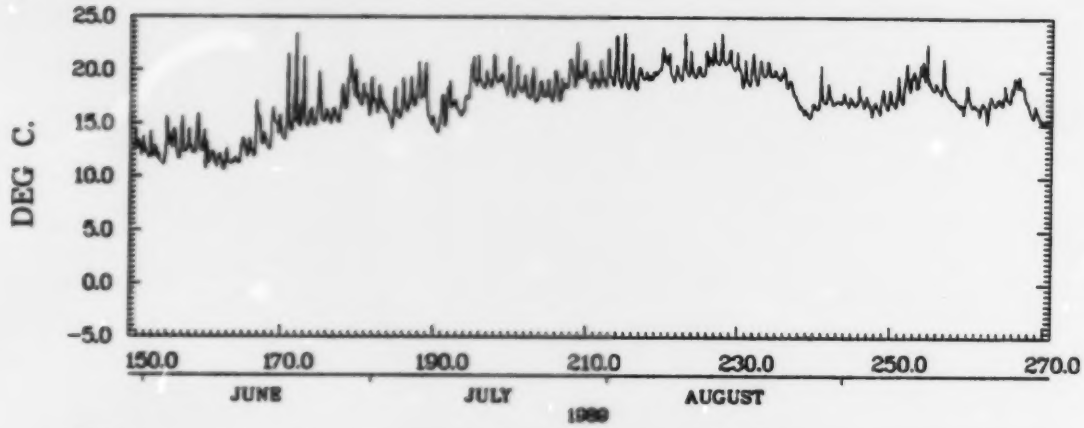
BORDEN PEI

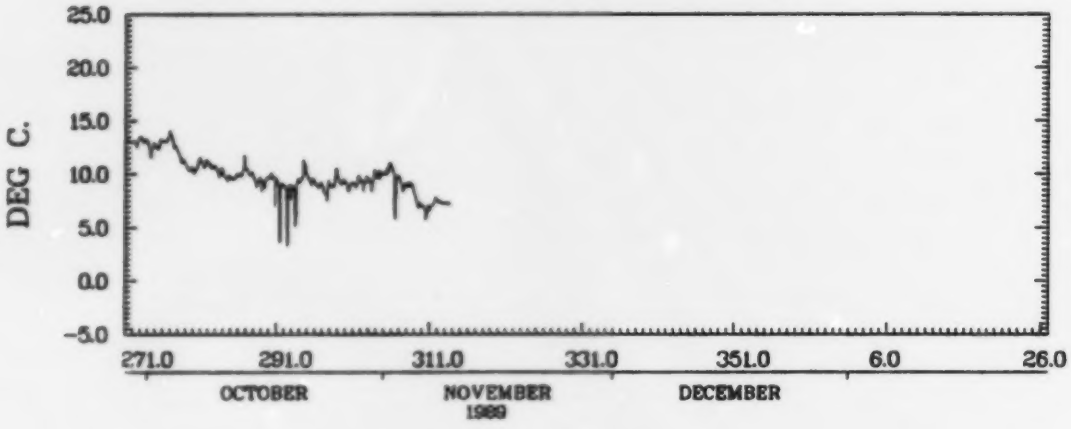
STA. 4TH 150

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	.0M.	46.32	63.73	30/ 5/1989	10/11/1989

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
150	13.1	13.1	9.1	215	19.3	1073.7	809.7	280	10.7	2208.6	1684.6
151	12.8	25.9	17.9	216	19.2	1092.9	824.9	281	11.0	2219.7	1691.7
152	12.4	38.3	26.3	217	19.5	1112.4	840.4	282	10.8	2230.4	1698.4
153	12.1	50.4	34.4	218	19.5	1131.9	855.9	283	10.3	2240.7	1704.7
154	12.3	62.7	42.7	219	20.3	1152.1	872.1	284	9.7	2250.4	1710.4
155	13.6	76.3	52.3	220	21.1	1173.2	889.2	285	9.7	2260.1	1716.1
156	13.0	89.3	61.3	221	19.6	1192.8	904.8	286	10.3	2270.4	1722.4
157	12.9	102.3	70.3	222	20.2	1213.0	921.0	287	10.1	2280.5	1728.5
158	13.1	115.4	79.4	223	20.2	1233.2	937.2	288	9.4	2289.9	1733.9
159	13.4	128.8	88.8	224	19.8	1253.0	953.0	289	9.3	2299.2	1739.2
160	12.0	140.8	96.8	225	20.2	1273.2	969.2	290	9.7	2308.8	1744.8
161	11.7	152.4	104.4	226	21.2	1294.4	986.4	291	8.2	2317.1	1749.1
162	11.4	163.8	111.8	227	21.4	1315.8	1003.8	292	7.8	2324.9	1752.9
163	11.4	175.2	119.2	228	21.1	1336.9	1020.9	293	8.4	2333.2	1757.2
164	12.0	187.2	127.2	229	20.6	1357.4	1037.4	294	10.0	2343.2	1763.2
165	12.8	200.0	136.0	230	19.7	1377.1	1053.1	295	9.4	2352.6	1768.6
166	13.4	213.5	145.5	231	19.6	1396.7	1068.7	296	9.0	2361.6	1773.6
167	14.0	227.5	155.5	232	19.7	1416.4	1084.4	297	8.5	2370.1	1778.1
168	13.8	241.3	165.3	233	20.0	1436.4	1100.4	298	9.3	2379.4	1783.4
169	15.0	256.3	176.3	234	19.8	1456.2	1116.2	299	9.3	2388.7	1788.7
170	15.3	271.6	187.6	235	19.5	1475.7	1131.7	300	8.9	2397.6	1793.6
171	16.5	288.1	200.1	236	19.0	1494.8	1146.8	301	9.2	2406.8	1798.8
172	16.3	304.4	212.4	237	17.6	1512.4	1160.4	302	9.3	2416.1	1804.1
173	15.5	319.9	223.9	238	16.3	1528.7	1172.7	303	9.5	2425.6	1809.6
174	16.1	336.0	236.0	239	16.1	1544.8	1184.8	304	9.9	2435.5	1815.5
175	16.0	352.1	248.1	240	17.3	1562.1	1198.1	305	10.3	2445.9	1821.9
176	15.7	367.8	259.8	241	17.5	1579.7	1211.7	306	9.4	2455.2	1827.2
177	16.0	383.8	271.8	242	17.2	1596.8	1224.8	307	9.0	2464.3	1832.3
178	18.0	401.8	285.8	243	17.3	1614.1	1238.1	308	8.9	2473.2	1837.2
179	19.0	420.8	300.8	244	17.1	1631.2	1251.2	309	7.4	2480.6	1840.6
180	17.5	438.2	314.2	245	17.2	1648.4	1264.4	310	6.7	2487.2	1843.2
181	17.3	455.5	327.5	246	17.1	1665.6	1277.6	311	7.2	2494.5	1846.5
182	17.1	472.6	340.6	247	16.6	1682.2	1290.2	312	7.3	2501.8	1849.8
183	16.5	489.0	353.0	248	16.9	1699.0	1303.0	313	7.3	2509.1	1853.1
184	15.7	504.8	364.8	249	17.2	1716.2	1316.2	314	8.5	2517.6	1857.6
185	16.5	521.3	377.3	250	17.5	1733.7	1329.7				
186	17.0	538.3	390.3	251	18.1	1751.8	1343.8				
187	17.9	556.2	404.2	252	19.3	1771.0	1359.0				
188	18.5	574.6	418.6	253	19.4	1790.4	1374.4				
189	15.6	590.2	430.2	254	19.9	1810.3	1390.3				
190	14.9	605.1	441.1	255	18.5	1828.8	1404.8				
191	16.8	621.9	453.9	256	18.7	1847.6	1419.6				
192	17.0	639.0	467.0	257	17.9	1865.4	1433.4				
193	16.1	655.1	479.1	258	17.1	1882.5	1446.5				
194	18.4	673.4	493.4	259	17.0	1899.6	1459.6				
195	19.4	692.8	508.8	260	17.0	1916.6	1472.6				
196	18.9	711.7	523.7	261	16.6	1933.1	1485.1				
197	19.5	731.2	539.2	262	16.6	1949.7	1497.7				
198	19.2	750.4	554.4	263	17.1	1966.8	1510.8				
199	19.1	769.5	569.5	264	17.4	1984.2	1524.2				
200	18.5	787.9	583.9	265	17.7	2001.9	1537.9				
201	18.5	806.4	598.4	266	18.9	2020.8	1552.8				
202	18.2	824.6	612.6	267	17.6	2038.4	1566.4				
203	17.9	842.5	626.5	268	16.1	2054.6	1578.6				
204	18.2	860.7	640.7	269	15.5	2070.1	1590.1				
205	18.2	878.9	654.9	270	14.9	2085.0	1601.0				
206	18.1	897.1	669.1	271	13.2	2098.2	1610.2				
207	19.4	916.4	684.4	272	13.1	2111.2	1619.2				
208	19.8	936.2	700.2	273	13.2	2124.5	1628.5				
209	20.0	956.2	716.2	274	12.5	2136.9	1636.9				
210	19.0	975.2	731.2	275	12.8	2149.8	1645.8				
211	19.2	994.5	746.5	276	13.3	2163.1	1655.1				
212	19.7	1014.2	762.2	277	12.8	2175.9	1663.9				
213	20.2	1034.3	778.3	278	11.4	2187.3	1671.3				
214	20.1	1054.4	794.4	279	10.6	2197.9	1677.9				

STN 150 DEPTH 0M





BORDEN PEI
46.32N 63.73W 1200Z 30/05/89 - 0600Z 15/11/89
INST. 4339

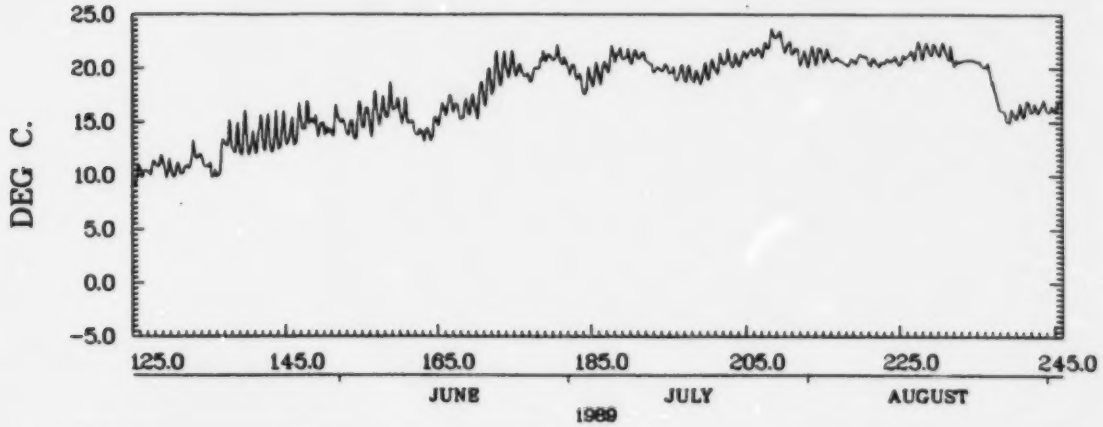
BOUCTOUCHE (SITE 2) NB (NB DEPT FISH)

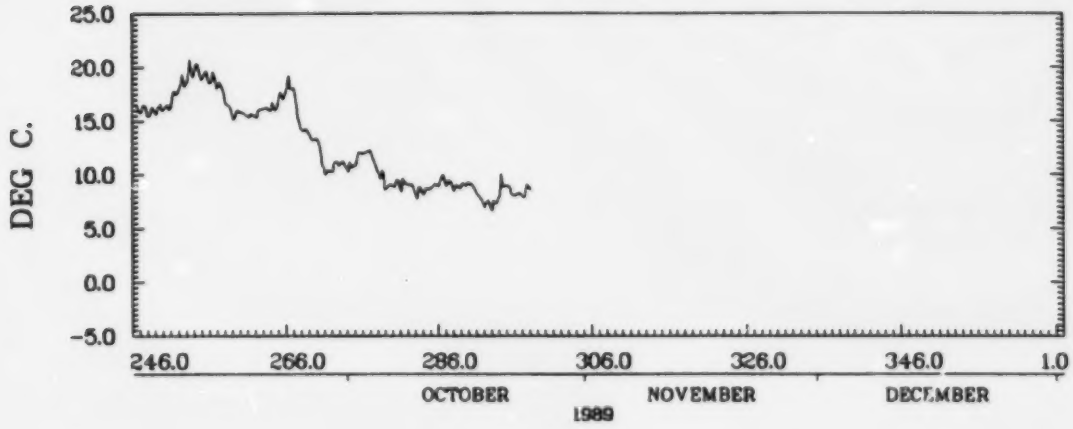
STA. 4TH 135

WATER DEPTH 1.5M. INST DEPTH 1.2M. LATITUDE 46.47 LONGITUDE 64.71 FROM 5/ 5/ 89 TO 25/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
125	10.1	10.1	6.1	190	21.0	1036.1	772.1	255	19.2	2315.0	1791.0
126	10.3	20.5	12.5	191	21.1	1057.2	789.2	256	18.8	2333.8	1805.8
127	10.7	31.1	19.1	192	20.3	1077.6	805.6	257	18.1	2351.9	1819.9
128	11.3	42.4	26.4	193	19.9	1097.5	821.5	258	16.3	2368.2	1832.2
129	10.6	53.0	33.0	194	20.0	1117.4	837.4	259	15.7	2383.9	1843.9
130	10.4	63.5	39.5	195	19.5	1136.9	852.9	260	15.7	2399.6	1855.6
131	10.4	73.9	45.9	196	19.5	1156.5	868.5	261	15.5	2415.1	1867.1
132	11.4	85.3	53.3	197	19.4	1175.9	883.9	262	15.8	2431.0	1879.0
133	11.8	97.2	61.2	198	19.2	1195.1	899.1	263	16.1	2447.1	1891.1
134	11.0	108.1	68.1	199	19.5	1214.6	914.6	264	16.3	2463.4	1903.4
135	10.2	118.3	74.3	200	20.0	1234.6	930.6	265	17.4	2480.8	1916.8
136	11.7	130.0	82.0	201	20.4	1254.9	946.9	266	18.3	2499.1	1931.1
137	13.5	143.5	91.5	202	20.9	1275.8	963.8	267	16.0	2515.1	1943.1
138	13.1	156.7	100.7	203	20.6	1296.4	980.4	268	14.1	2529.2	1953.2
139	13.9	170.5	110.5	204	21.0	1317.4	997.4	269	13.4	2542.5	1962.5
140	12.9	183.4	119.4	205	21.4	1338.8	1014.8	270	12.0	2554.5	1970.5
141	13.8	197.3	129.3	206	21.5	1360.3	1032.3	271	10.2	2564.8	1976.8
142	13.6	210.8	138.8	207	21.8	1382.1	1050.1	272	11.0	2575.8	1983.8
143	13.4	224.2	148.2	208	22.9	1405.1	1069.1	273	10.9	2586.7	1990.7
144	13.9	238.1	158.1	209	22.7	1427.8	1087.8	274	10.8	2597.5	1997.5
145	13.9	252.0	168.0	210	21.9	1449.7	1105.7	275	11.8	2609.2	2005.2
146	14.2	266.2	178.2	211	21.4	1471.1	1123.1	276	12.1	2621.3	2013.3
147	15.3	281.5	189.5	212	20.8	1491.9	1139.9	277	11.1	2632.4	2020.4
148	15.1	296.6	200.6	213	21.1	1513.0	1157.0	278	9.7	2642.2	2026.2
149	14.4	311.0	211.0	214	21.2	1534.2	1174.2	279	9.0	2651.1	2031.1
150	14.1	325.1	221.1	215	21.0	1555.2	1191.2	280	9.2	2660.3	2036.3
151	15.1	340.2	232.2	216	20.8	1576.0	1208.0	281	9.1	2669.4	2041.4
152	14.8	355.0	243.0	217	20.6	1596.6	1224.6	282	8.9	2678.3	2046.3
153	14.4	369.4	253.4	218	20.5	1617.1	1241.1	283	8.4	2686.7	2050.7
154	15.3	384.7	264.7	219	20.8	1638.0	1258.0	284	8.5	2695.2	2055.2
155	15.5	400.2	276.2	220	21.0	1659.0	1275.0	285	9.0	2704.2	2060.2
156	15.8	416.0	288.0	221	20.6	1679.6	1291.6	286	9.4	2713.6	2065.6
157	16.0	432.0	300.0	222	20.4	1700.0	1308.0	287	9.1	2722.7	2070.7
158	16.6	448.6	312.6	223	20.7	1720.7	1324.7	288	8.8	2731.5	2075.5
159	16.4	465.0	325.0	224	20.7	1741.4	1341.4	289	9.1	2740.6	2080.6
160	15.7	480.7	336.7	225	20.9	1762.3	1358.3	290	8.9	2749.5	2085.5
161	14.8	495.5	347.5	226	21.2	1783.5	1375.5	291	7.8	2757.3	2089.3
162	14.0	509.5	357.5	227	21.7	1805.2	1393.2	292	7.2	2764.5	2092.5
163	13.9	523.4	367.4	228	21.7	1826.9	1410.9	293	7.3	2771.9	2095.9
164	14.4	537.8	377.8	229	21.7	1848.6	1428.6	294	9.0	2780.8	2100.8
165	15.8	553.6	389.6	230	21.7	1870.3	1446.3	295	8.5	2789.3	2105.3
166	16.6	570.1	402.1	231	21.1	1891.4	1463.4	296	8.2	2797.5	2109.5
167	16.2	586.3	414.3	232	20.5	1911.9	1479.9	297	8.5	2806.0	2114.0
168	16.0	602.3	426.3	233	20.7	1932.7	1496.7				
169	16.4	618.8	438.8	234	20.7	1953.4	1513.4				
170	17.1	635.9	451.9	235	20.4	1973.8	1529.8				
171	18.2	654.0	466.0	236	19.7	1993.5	1545.5				
172	19.4	673.5	481.5	237	17.4	2010.9	1558.9				
173	19.8	693.3	497.3	238	15.7	2026.6	1570.6				
174	20.2	713.5	513.5	239	15.6	2042.2	1582.2				
175	19.8	733.2	529.2	240	15.8	2058.0	1594.0				
176	19.3	752.5	544.5	241	16.3	2074.3	1606.3				
177	19.5	772.1	560.1	242	16.2	2090.5	1618.5				
178	20.7	792.8	576.8	243	16.5	2107.0	1631.0				
179	21.0	813.8	593.8	244	16.1	2123.1	1643.1				
180	21.2	835.0	611.0	245	16.7	2139.8	1655.8				
181	20.5	855.5	627.5	246	16.4	2156.2	1668.2				
182	19.9	875.5	643.5	247	16.1	2172.2	1680.2				
183	18.9	894.3	658.3	248	15.9	2188.1	1692.1				
184	18.7	913.0	673.0	249	16.2	2204.3	1704.3				
185	19.4	932.4	688.4	250	16.3	2220.6	1716.6				
186	19.6	952.0	704.0	251	17.4	2238.0	1730.0				
187	20.9	972.9	720.9	252	18.6	2256.6	1744.6				
188	21.2	994.0	738.0	253	19.5	2276.1	1760.1				
189	21.0	1015.1	755.1	254	19.7	2295.8	1775.8				

STN 135 DEPTH 1.2M





BOUCTOUCHE (SITE 2) NB
46.47N 64.71W 1015Z 05/05/89 - 0215Z 25/10/89
INST. 64367

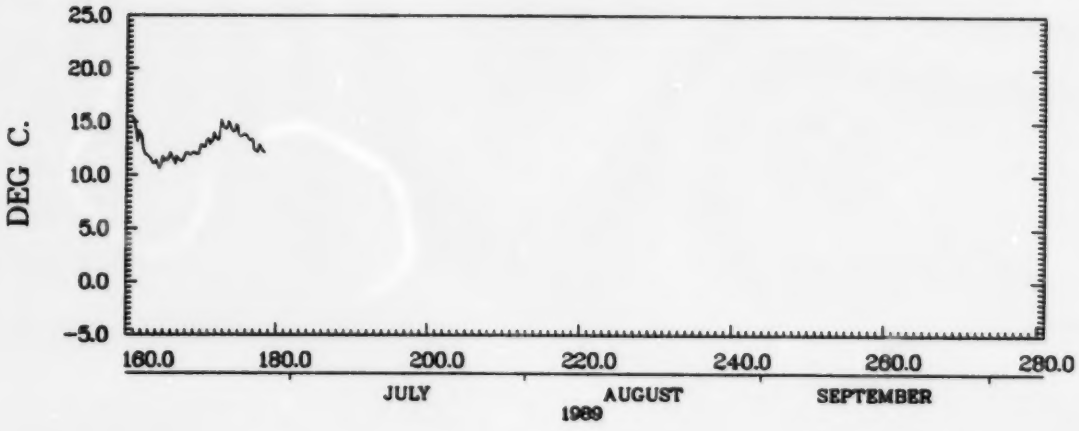
CLARK'S POND PEI

STA. 4TH 120

WATER DEPTH .6M.	INST DEPTH .6M.	LATITUDE 46.26	LONGITUDE 62.86	FROM 9/ 6/ 89	TO 27/ 6/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
160	15.4	15.4	11.4								
161	14.2	29.6	21.6								
162	12.4	42.0	30.0								
163	11.3	53.3	37.3								
164	11.1	64.4	44.4								
165	11.6	76.0	52.0								
166	11.5	87.5	59.5								
167	11.5	99.0	67.0								
168	12.1	111.1	75.1								
169	12.1	123.2	83.2								
170	12.9	136.1	92.1								
171	13.4	149.5	101.5								
172	14.1	163.5	111.5								
173	14.6	178.2	122.2								
174	14.4	192.6	132.6								
175	13.7	206.3	142.3								
176	13.4	219.7	151.7								
177	12.4	232.2	160.2								
178	12.2	244.4	168.4								

STN 120 DEPTH .6M



CLARKS POND PEI
46.26N 62.86W 1600Z 09/06/89 - 1200Z 27/06/89
INST. 63798

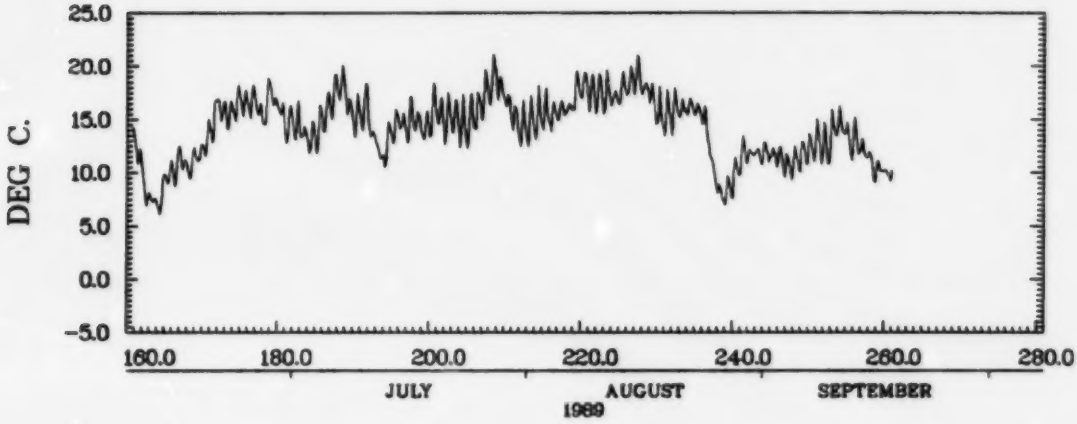
EVERGLADES POND PEI

STA. 4TH 121

WATER DEPTH .8M. | INST DEPTH .8M. | LATITUDE 46.30 | LONGITUDE 62.66 | FROM 9/ 6/ 89 | TO 17/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
160	14.2	14.2	10.2	225	18.0	982.1	718.1				
161	11.7	25.9	17.9	226	18.5	1000.6	732.6				
162	8.3	34.2	22.2	227	19.1	1019.7	747.7				
163	7.5	41.6	25.6	228	17.7	1037.4	761.4				
164	7.7	49.3	29.3	229	16.4	1053.8	773.8				
165	9.9	59.2	35.2	230	15.2	1069.0	785.0				
166	10.6	69.8	41.8	231	15.4	1084.4	796.4				
167	11.0	80.8	48.8	232	16.3	1100.7	808.7				
168	10.6	91.4	55.4	233	16.0	1116.7	820.7				
169	11.8	103.2	63.2	234	16.2	1132.9	832.9				
170	13.0	116.2	72.2	235	15.6	1148.5	844.5				
171	15.0	131.2	83.2	236	14.0	1162.5	854.5				
172	16.0	147.3	95.3	237	9.9	1172.4	860.4				
173	15.4	162.6	106.6	238	7.9	1180.3	864.3				
174	16.5	179.1	119.1	239	8.5	1188.8	868.8				
175	16.6	195.7	131.7	240	10.3	1199.1	875.1				
176	16.7	212.4	144.4	241	12.0	1211.1	883.1				
177	16.0	228.4	156.4	242	11.9	1222.9	890.9				
178	16.4	244.8	168.8	243	11.5	1234.4	898.4				
179	16.9	261.7	181.7	244	12.0	1246.4	906.4				
180	15.9	277.6	193.6	245	11.4	1257.9	913.9				
181	14.7	292.2	204.2	246	11.0	1268.9	920.9				
182	14.7	307.0	215.0	247	10.5	1279.4	927.4				
183	13.6	320.6	224.6	248	11.2	1290.6	934.6				
184	13.4	334.0	234.0	249	11.9	1302.5	942.5				
185	14.3	348.4	244.4	250	12.4	1314.9	950.9				
186	15.8	364.2	256.2	251	12.8	1327.7	959.7				
187	17.2	381.4	269.4	252	12.6	1340.3	968.3				
188	18.2	399.6	283.6	253	14.4	1354.7	978.7				
189	16.1	415.7	295.7	254	14.5	1369.2	989.2				
190	15.3	431.0	307.0	255	13.0	1382.2	998.2				
191	16.1	447.2	319.2	256	13.0	1395.2	1007.2				
192	13.6	460.8	328.8	257	12.0	1407.2	1015.2				
193	11.9	472.6	336.6	258	10.5	1417.7	1021.7				
194	12.8	485.4	345.4	259	10.4	1428.2	1028.2				
195	14.3	499.7	355.7	260	9.9	1438.0	1034.0				
196	14.6	514.3	366.3								
197	15.1	529.3	377.3								
198	14.8	544.1	388.1								
199	14.4	558.5	398.5								
200	15.9	574.4	410.4								
201	15.5	589.9	421.9								
202	15.2	605.2	433.2								
203	15.1	620.3	444.3								
204	14.5	634.8	454.8								
205	15.1	649.9	465.9								
206	15.8	665.7	477.7								
207	17.6	683.3	491.3								
208	18.9	702.2	506.2								
209	17.8	720.0	520.0								
210	16.1	736.2	532.2								
211	14.8	751.0	543.0								
212	14.3	765.3	553.3								
213	14.7	780.1	564.1								
214	15.2	795.3	575.3								
215	15.7	811.0	587.0								
216	15.5	826.5	598.5								
217	15.9	842.4	610.4								
218	16.1	858.5	622.5								
219	18.0	876.5	636.5								
220	18.3	894.8	650.8								
221	17.3	912.1	664.1								
222	17.5	929.6	677.6								
223	17.5	947.1	691.1								
224	17.0	964.1	704.1								

STN 121 DEPTH .8M



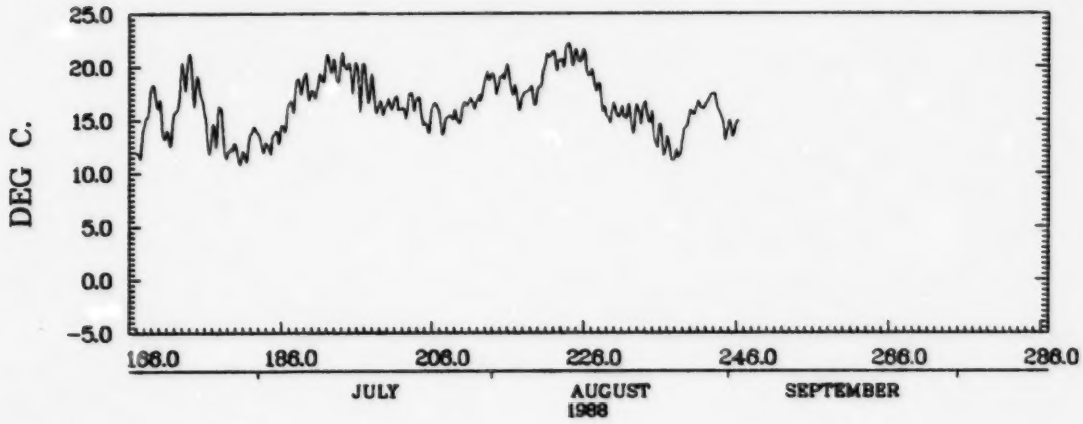
EVERGLADES POND PEI
46.30N 62.66W 1900Z 09/06/89 - 2300Z 17/09/89
INST. 63387

MCKENNA'S POND PEI STA. 4TH 113

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	2.0M.	46.25	62.72	14/ 6/ 88	2/ 9/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
166	12.0	12.0	8.0	231	15.8	1103.0	839.0				
167	12.6	24.6	16.6	232	14.9	1117.9	849.9				
168	16.1	40.7	28.7	233	15.8	1133.6	861.6				
169	17.1	57.8	41.8	234	15.5	1149.2	873.2				
170	14.4	72.3	52.3	235	13.5	1162.7	882.7				
171	13.9	86.2	62.2	236	12.8	1175.5	891.5				
172	17.5	103.6	75.6	237	11.8	1187.3	899.3				
173	19.5	123.2	91.2	238	12.2	1199.5	907.5				
174	18.5	141.7	105.7	239	14.8	1214.3	918.3				
175	17.1	158.8	118.8	240	16.0	1230.3	930.3				
176	13.3	172.1	128.1	241	16.3	1246.5	942.5				
177	14.5	186.6	138.6	242	17.2	1263.7	955.7				
178	13.2	199.7	147.7	243	16.2	1279.9	967.9				
179	12.4	212.1	156.1	244	14.2	1294.1	978.1				
180	11.5	223.6	163.6	245	14.2	1308.3	988.3				
181	12.2	235.7	171.7	246	14.9	1323.3	999.3				
182	14.0	249.8	181.8								
183	12.6	262.4	190.4								
184	12.7	275.1	199.1								
185	13.6	288.7	208.7								
186	14.9	303.6	219.6								
187	16.8	320.4	232.4								
188	18.3	338.7	246.7								
189	18.1	356.7	260.7								
190	17.7	374.5	274.5								
191	19.4	393.9	289.9								
192	20.2	414.1	306.1								
193	19.4	433.5	321.5								
194	20.3	453.8	337.8								
195	19.2	473.1	353.1								
196	18.6	491.7	367.7								
197	18.2	509.9	381.9								
198	16.6	526.5	394.5								
199	16.2	542.6	406.6								
200	16.6	559.2	419.2								
201	16.4	575.6	431.6								
202	16.1	591.7	443.7								
203	16.8	608.5	456.5								
204	15.8	624.3	468.3								
205	14.6	638.9	478.9								
206	16.3	655.2	491.2								
207	14.3	669.5	501.5								
208	15.3	684.8	512.8								
209	15.2	700.0	524.0								
210	16.5	716.6	536.6								
211	16.6	733.1	549.1								
212	17.5	750.6	562.6								
213	19.1	769.8	577.8								
214	18.4	788.2	592.2								
215	19.4	807.6	607.6								
216	18.2	825.8	621.8								
217	16.8	842.6	634.6								
218	17.7	860.3	648.3								
219	17.3	877.6	661.6								
220	19.1	896.7	676.7								
221	21.2	917.9	693.9								
222	20.4	938.3	710.3								
223	21.2	959.5	727.5								
224	21.0	980.5	744.5								
225	20.9	1001.4	761.4								
226	19.7	1021.1	777.1								
227	18.5	1039.6	791.6								
228	16.4	1056.0	804.0								
229	15.5	1071.6	815.6								
230	15.6	1087.2	827.2								

STN 113 DEPTH 2M



MCKENNA'S POND PEI
46.25N 62.72W 1900Z 14/06/88 - 0700Z 02/09/88
INST. 63390

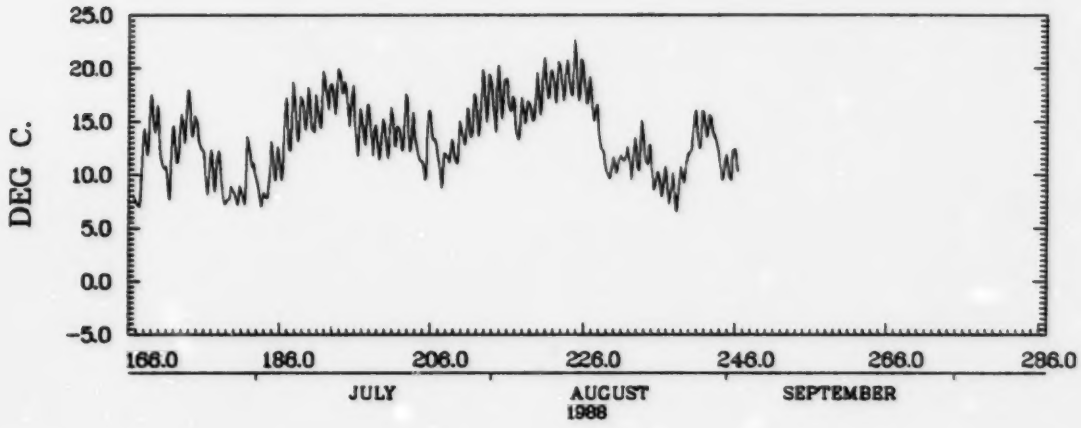
MCKENNA'S POND PEI

STA. 4TH 114

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
2.0M.	2.0M.	46.25	62.72	14/ 6/ 88	2/ 9/ 88

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
166	7.7	7.7	3.7	231	11.8	920.5	656.5				
167	9.2	16.9	8.9	232	11.6	932.1	664.1				
168	14.3	31.3	19.3	233	12.7	944.8	672.8				
169	15.3	46.6	30.6	234	11.7	956.4	680.4				
170	11.2	57.8	37.8	235	9.5	966.0	686.0				
171	10.8	68.6	44.6	236	9.2	975.1	691.1				
172	13.0	81.6	53.6	237	8.6	983.7	695.7				
173	15.4	97.0	65.0	238	8.7	992.4	700.4				
174	14.9	111.9	75.9	239	10.7	1003.1	707.1				
175	12.9	124.8	84.8	240	13.9	1017.0	717.0				
176	10.1	134.8	90.8	241	14.2	1031.2	727.2				
177	10.4	145.3	97.3	242	14.5	1045.7	737.7				
178	8.6	153.9	101.9	243	12.8	1058.5	746.5				
179	8.2	162.0	106.0	244	10.6	1069.2	753.2				
180	8.0	170.1	110.1	245	11.0	1080.2	760.2				
181	9.8	179.9	115.9	246	10.9	1091.1	767.1				
182	10.8	190.7	122.7								
183	8.0	198.7	126.7								
184	9.4	208.1	132.1								
185	11.0	219.1	139.1								
186	13.1	232.2	148.2								
187	15.1	247.3	159.3								
188	15.4	262.7	170.7								
189	16.2	278.9	182.9								
190	15.4	294.3	194.3								
191	16.8	311.2	207.2								
192	17.8	329.0	221.0								
193	17.9	346.9	234.9								
194	18.0	364.9	248.9								
195	16.3	381.2	261.2								
196	14.0	395.2	271.2								
197	14.8	410.0	282.0								
198	13.6	423.6	291.6								
199	13.3	436.9	300.9								
200	13.7	450.6	310.6								
201	13.9	464.5	320.5								
202	14.7	479.2	331.2								
203	13.7	492.9	340.9								
204	11.8	504.7	348.7								
205	12.8	517.5	357.5								
206	13.2	530.7	366.7								
207	10.6	541.3	373.3								
208	12.2	553.5	381.5								
209	12.6	566.1	390.1								
210	14.3	580.5	400.5								
211	15.5	596.0	412.0								
212	16.6	612.6	424.6								
213	17.4	630.0	438.0								
214	17.1	647.1	451.1								
215	17.6	664.7	464.7								
216	16.4	681.1	477.1								
217	14.8	695.8	487.8								
218	16.0	711.9	499.9								
219	16.9	728.8	512.8								
220	18.2	747.0	527.0								
221	18.6	765.6	541.6								
222	18.8	784.4	556.4								
223	18.8	803.2	571.2								
224	19.4	822.6	586.6								
225	19.0	841.6	601.6								
226	17.8	859.5	615.5								
227	15.8	875.2	627.2								
228	12.0	887.2	635.2								
229	10.4	897.6	641.6								
230	11.1	908.7	648.7								

STN 114 DEPTH 0M



MCKENNA'S POND PEI
46.25N 62.72W 1900Z 14/06/88 - 0700Z 02/09/88
INST. 63391

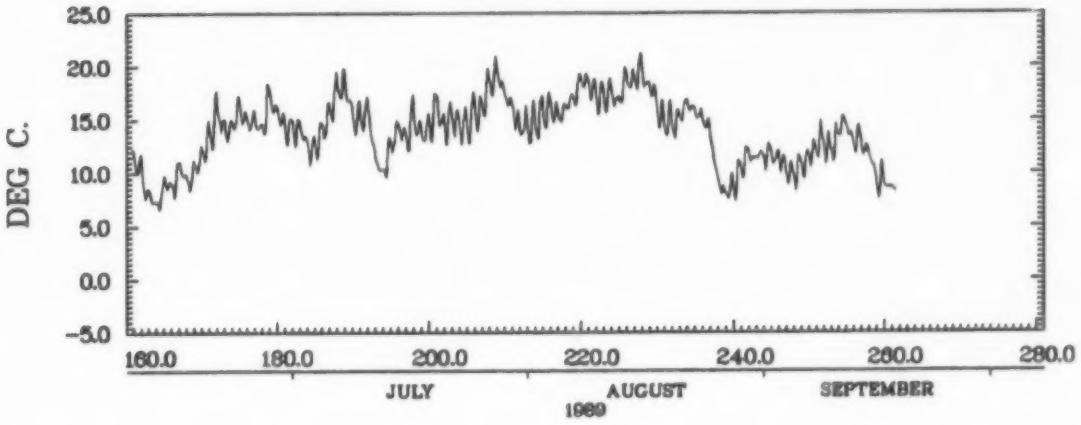
MCKENNA'S POND PEI

STA. 4TH 122

WATER DEPTH .9M. | INST DEPTH .6M. | LATITUDE 46.26 | LONGITUDE 62.71 | FROM 9/ 6/ 89 | TO 18/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
160	12.2	12.2	8.2	225	17.9	953.9	689.9				
161	10.9	23.1	15.1	226	18.6	972.5	704.5				
162	8.6	31.7	19.7	227	19.4	991.9	719.9				
163	7.5	39.3	23.3	228	18.5	1010.4	734.4				
164	7.7	47.0	27.0	229	17.5	1027.9	747.9				
165	9.1	56.0	32.0	230	15.4	1043.3	759.3				
166	9.4	65.4	37.4	231	14.9	1058.2	770.2				
167	10.1	75.5	43.5	232	14.7	1072.9	780.9				
168	9.5	85.0	49.0	233	16.0	1088.9	792.9				
169	11.0	96.0	56.0	234	16.1	1105.0	805.0				
170	12.6	108.7	64.7	235	15.4	1120.4	816.4				
171	14.7	123.3	75.3	236	14.5	1135.0	827.0				
172	15.0	138.3	86.3	237	11.1	1146.1	834.1				
173	14.2	152.6	96.6	238	8.5	1154.6	838.6				
174	15.5	168.0	108.0	239	8.5	1163.1	843.1				
175	15.5	183.6	119.6	240	9.5	1172.6	848.6				
176	14.9	198.5	130.5	241	11.0	1183.6	855.6				
177	14.5	213.0	141.0	242	11.3	1194.9	862.9				
178	15.5	228.5	152.5	243	11.6	1206.5	870.5				
179	16.5	245.0	165.0	244	11.6	1218.2	878.2				
180	15.3	260.3	176.3	245	11.4	1229.6	885.6				
181	14.1	274.4	186.4	246	10.8	1240.4	892.4				
182	14.0	288.4	196.4	247	9.9	1250.3	898.3				
183	13.6	302.0	206.0	248	10.1	1260.4	904.4				
184	12.3	314.3	214.3	249	10.8	1271.2	911.2				
185	13.0	327.3	223.3	250	11.8	1283.0	919.0				
186	14.7	342.0	234.0	251	13.0	1296.0	928.0				
187	16.9	358.9	246.9	252	12.3	1308.3	936.3				
188	18.2	377.2	261.2	253	12.8	1321.1	945.1				
189	16.9	394.1	274.1	254	14.5	1335.6	955.6				
190	15.2	409.3	285.3	255	13.5	1349.1	965.1				
191	15.6	424.8	296.8	256	13.3	1362.4	974.4				
192	13.8	438.7	306.7	257	12.1	1374.5	982.5				
193	10.6	449.2	313.2	258	10.6	1385.1	989.1				
194	11.5	460.7	320.7	259	9.3	1394.4	994.4				
195	13.4	474.1	330.1	260	8.7	1403.0	999.0				
196	13.9	487.9	339.9	261	8.4	1411.4	1003.4				
197	14.4	502.3	350.3								
198	14.4	516.7	360.7								
199	13.9	530.6	370.6								
200	15.2	545.8	381.8								
201	15.5	561.2	393.2								
202	14.6	575.9	403.9								
203	14.8	590.7	414.7								
204	14.4	605.1	425.1								
205	15.0	620.1	436.1								
206	15.5	635.6	447.6								
207	17.3	652.9	460.9								
208	18.9	671.8	475.8								
209	18.5	690.3	490.3								
210	16.8	707.0	503.0								
211	15.1	722.1	514.1								
212	14.5	736.6	524.6								
213	14.7	751.3	535.3								
214	15.3	766.6	546.6								
215	15.9	782.5	558.5								
216	15.8	798.3	570.3								
217	15.6	813.9	581.9								
218	16.6	830.5	594.5								
219	17.7	848.2	608.2								
220	18.6	866.8	622.8								
221	17.9	884.7	636.7								
222	17.1	901.8	649.8								
223	17.3	919.0	663.0								
224	17.0	936.0	676.0								

STN 122 DEPTH .6M



MCKENNA'S POND PEI
46.26N 62.71W 1800Z 09/06/89 - 1000Z 18/09/89
INST. 63386

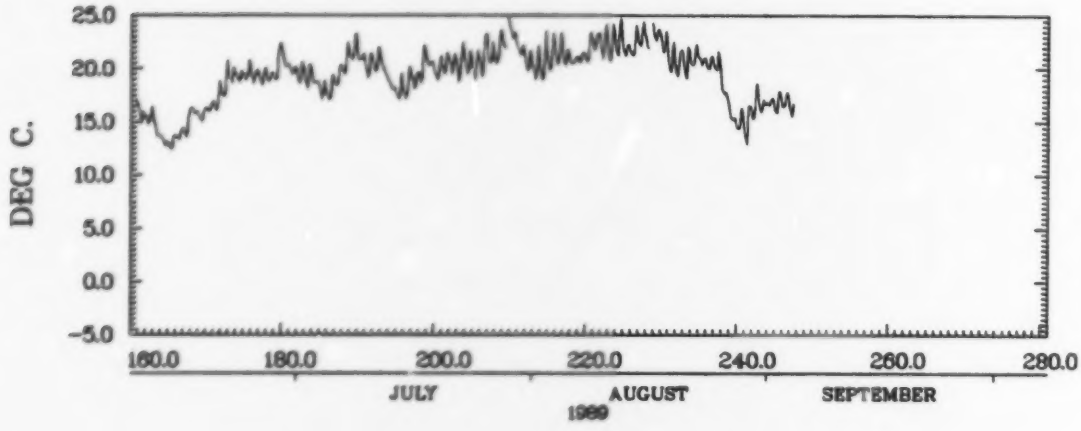
OFFICERS POND PEI

STA. 4TG 123

WATER DEPTH .9M.	INST DEPTH .8M.	LATITUDE 46.33	LONGITUDE 63.07	FROM 9/ 6/ 89	TO 4/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
160	17.0	17.0	13.0	225	21.8	1283.9	1019.9				
161	15.7	32.7	24.7	226	22.2	1306.1	1038.1				
162	15.5	48.2	36.2	227	23.0	1329.2	1057.2				
163	14.3	62.5	46.5	228	22.8	1352.0	1076.0				
164	13.2	75.7	55.7	229	23.2	1375.1	1095.1				
165	13.0	88.7	64.7	230	22.4	1397.5	1113.5				
166	13.7	102.4	74.4	231	20.9	1418.4	1130.4				
167	14.5	116.9	84.9	232	20.8	1439.2	1147.2				
168	16.0	132.9	96.9	233	20.7	1459.9	1163.9				
169	15.5	148.4	108.4	234	21.1	1481.0	1181.0				
170	16.4	164.8	120.8	235	20.8	1501.8	1197.8				
171	16.9	181.8	133.8	236	20.6	1522.4	1214.4				
172	18.4	200.2	148.2	237	20.4	1542.8	1230.8				
173	19.3	219.5	163.5	238	17.6	1560.4	1244.4				
174	19.3	238.7	178.7	239	15.4	1575.8	1255.8				
175	19.7	258.5	194.5	240	15.0	1590.8	1266.8				
176	19.3	277.8	209.8	241	14.9	1605.7	1277.7				
177	19.2	297.0	225.0	242	16.6	1622.3	1290.3				
178	19.2	316.2	240.2	243	16.5	1638.8	1302.8				
179	20.1	336.3	256.3	244	16.9	1655.8	1315.8				
180	20.8	357.2	273.2	245	16.8	1672.6	1328.6				
181	19.9	377.0	289.0	246	17.0	1689.5	1341.5				
182	19.4	396.5	304.5	247	16.1	1705.6	1353.6				
183	19.2	415.7	319.7								
184	18.8	434.5	334.5								
185	17.9	452.4	348.4								
186	18.0	470.4	362.4								
187	19.2	489.6	377.6								
188	20.7	510.3	394.3								
189	21.8	532.2	412.2								
190	21.1	553.3	429.3								
191	20.3	573.6	445.6								
192	20.7	594.3	462.3								
193	20.0	614.3	478.3								
194	18.3	632.6	492.6								
195	18.0	650.6	506.6								
196	18.5	669.1	521.1								
197	19.0	688.1	536.1								
198	20.2	708.3	552.3								
199	20.5	728.8	568.8								
200	19.9	748.7	584.7								
201	20.3	769.0	601.0								
202	20.5	789.5	617.5								
203	20.4	809.9	633.9								
204	20.5	830.4	650.4								
205	20.1	850.5	666.5								
206	21.2	871.7	683.7								
207	21.3	893.0	701.0								
208	21.8	914.8	718.8								
209	23.2	938.0	738.0								
210	23.1	961.2	757.2								
211	21.7	982.9	774.9								
212	20.7	1003.6	791.6								
213	20.4	1024.0	808.0								
214	20.6	1044.6	824.6								
215	21.3	1066.0	842.0								
216	21.7	1087.7	859.7								
217	21.1	1108.8	876.8								
218	20.8	1129.6	893.6								
219	21.1	1150.6	910.6								
220	21.8	1172.4	928.4								
221	22.6	1195.1	947.1								
222	22.3	1217.4	965.4								
223	22.1	1239.5	983.5								
224	22.7	1262.1	1002.1								

STN 123 DEPTH .8M



OFFICERS POND PEI
46.33N 63.07W 1600Z 09/06/89 - 1200Z 04/09/89
INST. 64161

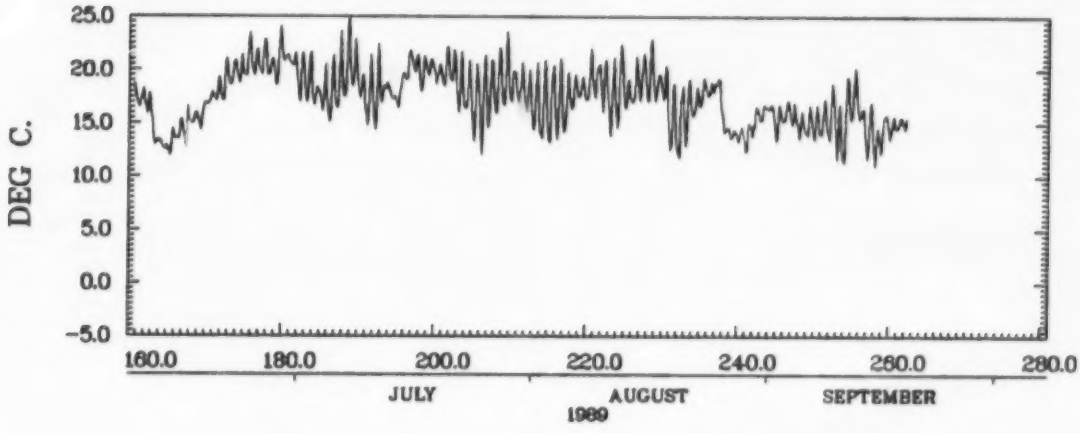
STICKS POND PEI

STA. 4TH 124

WATER DEPTH .6M.	INST DEPTH .5M.	LATITUDE 46.31	LONGITUDE 62.64	FROM 9/ 6/ 89	TO 19/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
160	18.3	18.3	14.3	225	17.5	1199.4	935.4				
161	17.3	35.5	27.5	226	18.5	1217.9	949.9				
162	16.8	52.3	40.3	227	19.3	1237.1	965.1				
163	13.6	65.9	49.9	228	19.6	1256.8	980.8				
164	12.9	78.8	58.8	229	18.5	1275.2	995.2				
165	13.1	91.9	67.9	230	17.7	1293.0	1009.0				
166	14.1	106.1	78.1	231	15.2	1308.1	1020.1				
167	14.5	120.6	88.6	232	15.5	1323.6	1031.6				
168	15.4	136.0	100.0	233	16.4	1340.0	1044.0				
169	15.6	151.7	111.7	234	16.9	1356.9	1056.9				
170	17.2	168.9	124.9	235	18.0	1374.9	1070.9				
171	18.0	186.9	138.9	236	18.2	1393.1	1085.1				
172	18.9	205.7	153.7	237	18.0	1411.2	1099.2				
173	19.7	225.4	169.4	238	14.6	1425.8	1109.8				
174	19.8	245.2	185.2	239	14.0	1439.7	1119.7				
175	21.0	266.3	202.3	240	13.9	1453.6	1129.6				
176	20.6	286.9	218.9	241	13.9	1467.5	1139.5				
177	21.0	307.9	235.9	242	15.6	1483.1	1151.1				
178	20.2	328.0	252.0	243	16.2	1499.3	1163.3				
179	20.9	348.9	268.9	244	15.9	1515.2	1175.2				
180	21.1	370.0	286.0	245	15.2	1530.4	1186.4				
181	20.6	390.6	302.6	246	16.1	1546.5	1198.5				
182	19.2	409.8	317.8	247	15.4	1562.0	1210.0				
183	18.7	428.6	332.6	248	14.7	1576.7	1220.7				
184	17.6	446.1	346.1	249	14.9	1591.6	1231.6				
185	17.9	464.1	360.1	250	14.9	1606.5	1242.5				
186	17.9	482.0	374.0	251	15.3	1621.8	1253.8				
187	19.2	501.2	389.2	252	16.1	1637.9	1265.9				
188	20.8	522.0	406.0	253	13.6	1651.4	1275.4				
189	20.0	542.0	422.0	254	16.4	1667.8	1287.8				
190	18.1	560.0	436.0	255	17.8	1685.6	1301.6				
191	17.7	577.8	449.8	256	15.2	1700.8	1312.8				
192	17.7	595.5	463.5	257	14.3	1715.1	1323.1				
193	18.2	613.7	477.7	258	13.0	1728.1	1332.1				
194	17.6	631.3	491.3	259	15.1	1743.1	1343.1				
195	18.1	649.3	505.3	260	14.6	1757.8	1353.8				
196	20.4	669.7	521.7	261	15.1	1772.8	1364.8				
197	20.5	690.2	538.2	262	15.0	1787.8	1375.8				
198	19.6	709.8	553.8								
199	20.2	730.0	570.0								
200	19.6	749.7	585.7								
201	20.1	769.8	601.8								
202	19.7	789.4	617.4								
203	18.1	807.5	631.5								
204	17.8	825.3	645.3								
205	16.6	841.9	657.9								
206	16.8	858.8	670.8								
207	17.9	876.7	684.7								
208	19.0	895.6	699.6								
209	19.4	915.0	715.0								
210	18.6	933.6	729.6								
211	18.6	952.2	744.2								
212	17.6	969.8	757.8								
213	16.7	986.5	770.5								
214	16.8	1003.3	783.3								
215	17.1	1020.3	796.3								
216	17.0	1037.3	809.3								
217	16.7	1054.0	822.0								
218	17.8	1071.8	835.8								
219	18.1	1089.9	849.9								
220	19.1	1109.0	865.0								
221	19.1	1128.1	880.1								
222	18.4	1146.5	894.5								
223	16.8	1163.3	907.3								
224	18.5	1181.8	921.8								

STN 124 DEPTH .5M



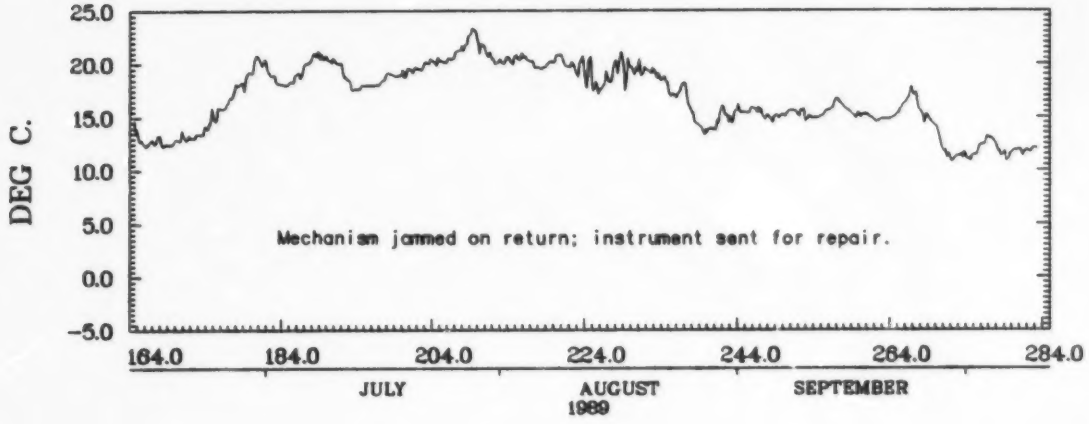
STICKS POND PEI
46.31N 62.64W 1800Z 09/06/89 - 0600Z 19/09/89
INST. 63390

BAIE STE ANNE NB (NB DEPT FISH) STA. 4TL 134

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
5.5M.	4.7M.	47.08	65.08	13/ 6/ 89	10/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
164	14.0	14.0	10.0	229	19.3	1216.2	952.2				
165	12.8	26.8	18.8	230	19.4	1235.6	967.6				
166	12.6	39.4	27.4	231	19.5	1255.1	983.1				
167	12.9	52.3	36.3	232	19.3	1274.4	998.4				
168	12.4	64.7	44.7	233	18.9	1293.2	1013.2				
169	12.5	77.3	53.3	234	18.3	1311.5	1027.5				
170	13.1	90.4	62.4	235	17.0	1328.6	1040.6				
171	13.1	103.5	71.5	236	17.7	1346.2	1054.2				
172	13.2	116.6	80.6	237	16.4	1362.7	1066.7				
173	13.6	130.3	90.3	238	14.6	1377.2	1077.2				
174	14.6	144.8	100.8	239	13.7	1391.0	1087.0				
175	15.3	160.1	112.1	240	13.9	1404.9	1096.9				
176	16.0	176.1	124.1	241	15.0	1419.8	1107.8				
177	17.1	193.2	137.2	242	15.2	1435.0	1119.0				
178	18.1	211.3	151.3	243	15.1	1450.1	1130.1				
179	18.7	230.1	166.1	244	15.6	1465.7	1141.7				
180	20.1	250.2	182.2	245	15.5	1481.2	1153.2				
181	20.2	270.4	198.4	246	15.7	1496.9	1164.9				
182	19.1	289.5	213.5	247	15.1	1512.0	1176.0				
183	18.3	307.8	227.8	248	14.9	1526.9	1186.9				
184	18.0	325.9	241.9	249	15.1	1542.0	1198.0				
185	18.5	344.4	256.4	250	15.4	1557.3	1209.3				
186	19.1	363.5	271.5	251	15.5	1572.9	1220.9				
187	20.1	383.6	287.6	252	15.4	1588.2	1232.2				
188	20.9	404.6	304.6	253	15.0	1603.2	1243.2				
189	20.6	425.2	321.2	254	14.9	1618.1	1254.1				
190	20.3	445.5	337.5	255	15.4	1633.6	1265.6				
191	20.1	465.6	353.6	256	16.1	1649.6	1277.6				
192	18.8	484.3	368.3	257	16.3	1666.0	1290.0				
193	17.7	502.1	382.1	258	15.6	1681.6	1301.6				
194	17.8	519.9	395.9	259	15.2	1696.8	1312.8				
195	18.0	537.9	409.9	260	15.2	1712.0	1324.0				
196	18.0	555.9	423.9	261	15.0	1726.9	1334.9				
197	18.5	574.4	438.4	262	14.7	1741.6	1345.6				
198	19.1	593.5	453.5	263	14.8	1756.4	1356.4				
199	18.9	612.4	468.4	264	15.1	1771.5	1367.5				
200	19.2	631.6	483.6	265	15.9	1787.5	1379.5				
201	19.5	651.0	499.0	266	17.1	1804.5	1392.5				
202	19.6	670.6	514.6	267	16.5	1821.1	1405.1				
203	20.2	690.8	530.8	268	15.0	1836.1	1416.1				
204	20.2	711.0	547.0	269	14.5	1850.6	1426.6				
205	20.2	731.2	563.2	270	13.0	1863.6	1435.6				
206	20.5	751.7	579.7	271	11.5	1875.1	1443.1				
207	21.3	773.0	597.0	272	11.1	1886.2	1450.2				
208	22.0	795.0	615.0	273	11.4	1897.6	1457.6				
209	23.0	818.1	634.1	274	11.1	1908.8	1464.8				
210	21.7	839.7	651.7	275	11.8	1920.6	1472.6				
211	20.8	860.5	668.5	276	12.7	1933.3	1481.3				
212	20.2	880.7	684.7	277	12.8	1946.1	1490.1				
213	20.2	901.0	701.0	278	11.7	1957.8	1497.8				
214	20.4	921.4	717.4	279	11.3	1969.1	1505.1				
215	20.6	942.0	734.0	280	11.9	1981.0	1513.0				
216	20.5	962.5	750.5	281	11.7	1992.7	1520.7				
217	19.9	982.3	766.3	282	11.9	2004.6	1528.6				
218	19.6	1002.0	782.0	283	12.1	2016.7	1536.7				
219	20.1	1022.1	798.1								
220	20.7	1042.8	814.8								
221	20.0	1062.8	830.8								
222	19.7	1082.5	846.5								
223	20.0	1102.4	862.4								
224	19.2	1121.6	877.6								
225	17.7	1139.3	891.3								
226	18.3	1157.6	905.6								
227	19.0	1176.6	920.6								
228	20.3	1196.9	936.9								

STN 134 DEPTH 4.7M



BAIE STE ANNE NB
47.08N 65.08W 1500Z 13/06/89 - 0700Z 10/10/89
INST. 62468

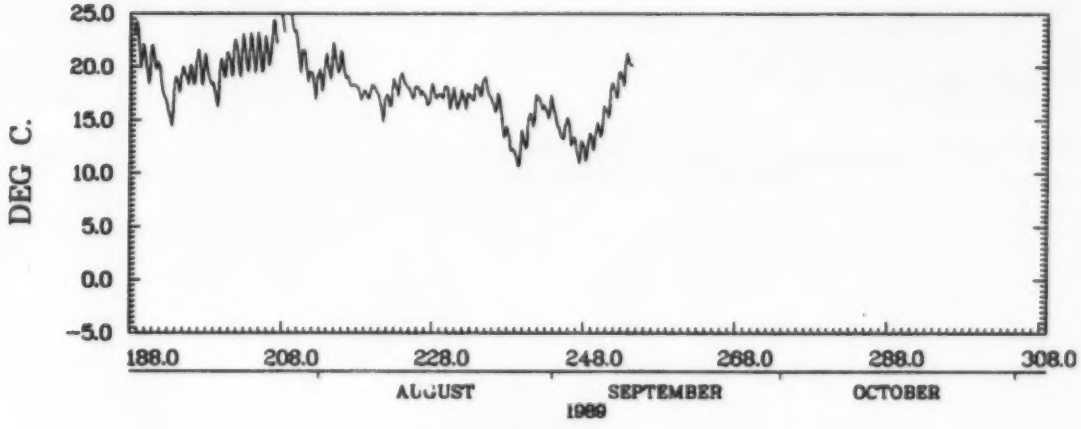
BIG SEVOGLE NB

STA. 4TL 125

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
1.0M.	1.0M.	47.10	66.93	7/ 7/ 89	11/ 9/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
188	23.7	23.7	19.7	253	19.7	1194.2	930.2				
189	21.8	45.5	37.5	254	20.2	1214.4	946.4				
190	20.1	65.6	53.6								
191	20.5	86.1	70.1								
192	17.9	104.0	84.0								
193	15.9	119.9	95.9								
194	18.6	138.5	110.5								
195	19.3	157.8	125.8								
196	19.7	177.5	141.5								
197	20.1	197.5	157.5								
198	19.1	216.7	172.7								
199	17.9	234.6	186.6								
200	20.2	254.8	202.8								
201	20.8	275.6	219.6								
202	21.1	296.7	236.7								
203	21.3	318.0	254.0								
204	21.3	339.4	271.4								
205	21.3	360.6	288.6								
206	21.8	382.5	306.5								
207	23.3	405.8	325.8								
208	24.1	429.9	345.9								
209	24.1	453.9	365.9								
210	21.2	475.1	383.1								
211	19.9	495.0	399.0								
212	18.5	513.5	413.5								
213	19.2	532.7	428.7								
214	20.4	553.1	445.1								
215	20.5	573.5	461.5								
216	19.6	593.1	477.1								
217	18.3	611.4	491.4								
218	17.5	628.9	504.9								
219	17.5	646.4	518.4								
220	17.9	664.3	532.3								
221	16.3	680.6	544.6								
222	17.2	697.8	557.8								
223	18.3	716.1	572.1								
224	18.6	734.7	586.7								
225	17.6	752.3	600.3								
226	17.7	770.1	614.1								
227	17.0	787.1	627.1								
228	17.6	804.7	640.7								
229	17.6	822.3	654.3								
230	17.2	839.5	667.5								
231	16.9	856.4	680.4								
232	17.0	873.4	693.4								
233	17.5	890.9	706.9								
234	18.0	908.9	720.9								
235	17.8	926.7	734.7								
236	16.6	943.2	747.2								
237	14.6	957.8	757.8								
238	12.7	970.5	766.5								
239	11.9	982.4	774.4								
240	13.6	996.0	784.0								
241	15.8	1011.8	795.8								
242	16.6	1028.4	808.4								
243	16.2	1044.5	820.5								
244	14.9	1059.5	831.5								
245	14.0	1073.5	841.5								
246	13.6	1087.1	851.1								
247	12.1	1099.2	859.2								
248	12.4	1111.5	867.5								
249	13.5	1125.0	877.0								
250	14.7	1139.6	887.6								
251	16.7	1156.4	900.4								
252	18.1	1174.5	914.5								

STN 125 DEPTH 1M



BIG SEVOGLE NB
47.10N 66.93W 1600Z 07/07/89 - 1200Z 11/09/89
INST. 62497

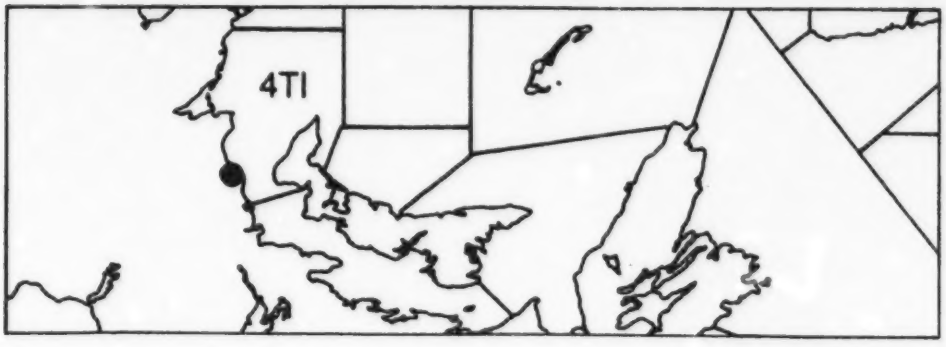
RICHIBOUCTOU NB (NB DEPT FISH)

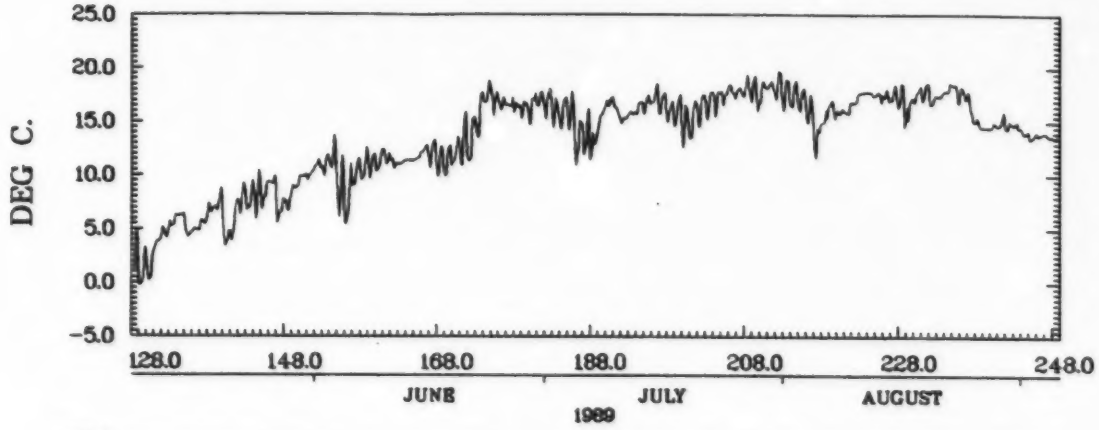
STA. 4TL 136

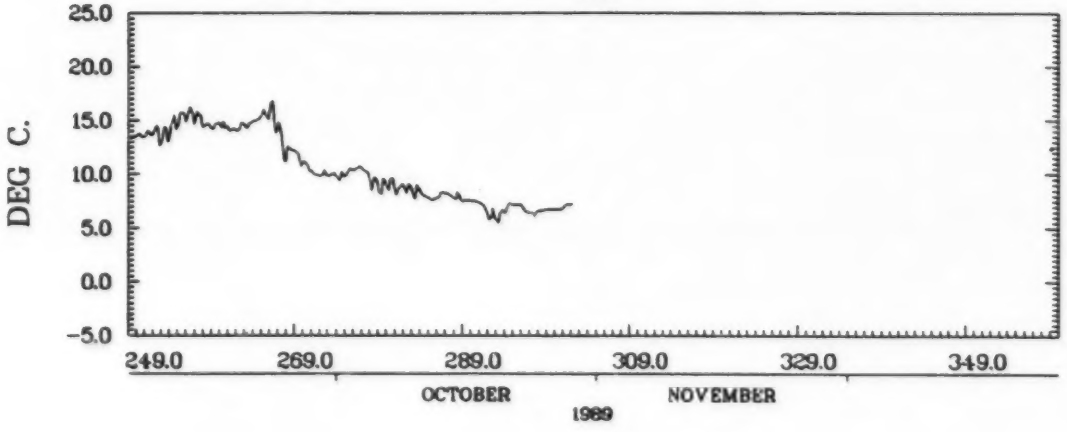
WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
7.6M.	7.1M.	46.69	64.83	8/ 5/ 89	29/10/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
128	2.7	2.7	.0	193	15.8	719.8	462.9	258	14.5	1769.1	1252.1
129	1.1	3.7	.0	194	16.5	736.3	475.3	259	14.6	1783.6	1262.7
130	1.3	5.1	.0	195	16.8	753.1	488.1	260	14.5	1798.1	1273.2
131	3.9	8.9	.0	196	17.3	770.4	501.5	261	14.1	1812.2	1283.3
132	4.7	13.7	.7	197	16.8	787.2	514.2	262	14.4	1826.7	1293.7
133	5.7	19.4	2.5	198	15.9	803.0	526.1	263	14.6	1841.3	1304.3
134	6.3	25.7	4.7	199	16.0	819.1	538.1	264	15.1	1856.3	1315.4
135	4.5	30.2	5.3	200	14.6	833.6	548.7	265	15.5	1871.8	1326.9
136	4.9	35.1	6.2	201	15.5	849.2	560.2	266	15.4	1887.3	1338.3
137	5.8	40.9	8.0	202	16.5	865.6	572.7	267	13.0	1900.2	1347.3
138	7.0	47.9	11.0	203	16.8	882.4	585.5	268	12.3	1912.5	1355.6
139	7.4	55.3	14.3	204	17.1	899.5	598.6	269	11.5	1924.0	1363.1
140	4.2	59.5	14.5	205	17.6	917.1	612.1	270	10.7	1934.8	1369.8
141	5.9	65.4	16.4	206	17.8	934.9	626.0	271	10.0	1944.8	1375.8
142	7.9	73.3	20.3	207	17.8	952.7	639.8	272	10.0	1954.7	1381.8
143	7.8	81.0	24.1	208	18.1	970.9	653.9	273	9.9	1964.7	1387.7
144	8.2	89.2	28.3	209	17.8	988.7	667.8	274	9.7	1974.4	1393.5
145	8.2	97.4	32.5	210	18.2	1006.9	681.9	275	10.2	1984.7	1399.7
146	9.5	106.8	37.9	211	18.3	1025.2	696.3	276	10.6	1995.2	1406.3
147	6.5	113.4	40.5	212	18.5	1043.7	710.8	277	10.2	2005.4	1412.4
148	7.4	120.8	43.9	213	17.8	1061.5	724.5	278	9.2	2014.6	1417.6
149	8.9	129.7	48.8	214	17.5	1079.0	738.1	279	8.8	2023.3	1422.4
150	10.0	139.7	54.8	215	17.2	1096.2	751.3	280	9.1	2032.5	1427.5
151	10.1	149.8	60.9	216	16.0	1112.2	763.3	281	8.6	2041.1	1432.2
152	11.0	160.8	67.8	217	13.6	1125.9	772.9	282	8.7	2049.8	1436.9
153	11.1	171.9	74.9	218	15.5	1141.3	784.4	283	8.3	2058.2	1441.2
154	11.5	183.4	82.5	219	16.2	1157.5	796.6	284	8.0	2066.2	1445.3
155	8.3	191.7	86.8	220	16.0	1173.5	808.6	285	7.7	2073.9	1449.0
156	7.9	199.6	90.7	221	16.2	1189.7	820.8	286	8.1	2082.0	1453.1
157	10.3	209.9	97.0	222	17.1	1206.8	833.8	287	8.0	2090.1	1457.1
158	10.9	220.8	103.9	223	17.7	1224.5	847.6	288	7.8	2097.9	1461.0
159	11.1	231.9	111.0	224	17.6	1242.2	861.2	289	7.6	2105.4	1464.5
160	11.3	243.2	118.2	225	17.5	1259.6	874.7	290	7.5	2112.9	1468.0
161	11.7	254.9	125.9	226	17.5	1277.1	888.2	291	7.0	2119.9	1471.0
162	11.1	266.0	133.1	227	17.4	1294.5	901.5	292	6.1	2126.0	1473.1
163	11.2	277.2	140.3	228	16.8	1311.2	914.3	293	6.2	2132.2	1475.3
164	11.4	288.6	147.6	229	16.6	1327.8	926.9	294	7.0	2139.2	1478.3
165	11.7	300.2	155.3	230	17.7	1345.5	940.6	295	7.2	2146.4	1481.4
166	12.4	312.6	163.7	231	17.9	1363.4	954.4	296	6.6	2153.0	1484.0
167	12.1	324.7	171.8	232	17.0	1380.3	967.4	297	6.4	2159.3	1486.4
168	11.4	336.1	179.2	233	17.5	1397.9	980.9	298	6.6	2166.0	1489.1
169	11.5	347.6	186.7	234	18.1	1416.0	995.0	299	6.7	2172.7	1491.8
170	12.4	360.0	195.0	235	17.9	1433.8	1008.9	300	6.7	2179.5	1494.5
171	13.3	373.3	204.3	236	17.8	1451.6	1022.7	301	7.1	2186.6	1497.7
172	13.5	386.7	213.8	237	16.1	1467.7	1034.8				
173	15.8	402.5	225.6	238	14.8	1482.5	1045.6				
174	17.6	420.1	239.1	239	14.5	1497.0	1056.1				
175	16.9	437.0	252.1	240	14.7	1511.7	1066.8				
176	16.7	453.6	264.7	241	15.1	1526.8	1077.9				
177	16.5	470.2	277.2	242	14.7	1541.5	1088.6				
178	16.3	486.4	289.5	243	14.6	1556.2	1099.3				
179	16.1	502.6	301.6	244	14.1	1570.2	1109.3				
180	16.7	519.3	314.3	245	13.7	1583.9	1119.0				
181	16.9	536.2	327.2	246	13.8	1597.8	1128.8				
182	16.8	553.0	340.1	247	13.8	1611.5	1138.6				
183	15.7	568.7	351.8	248	13.6	1625.1	1148.2				
184	16.0	584.8	363.8	249	13.5	1638.6	1157.7				
185	15.3	600.0	375.1	250	13.6	1652.2	1167.3				
186	13.4	613.4	384.5	251	13.8	1666.0	1177.1				
187	13.4	626.8	393.9	252	13.8	1679.7	1186.8				
188	13.2	640.1	403.1	253	13.8	1693.6	1196.6				
189	15.7	655.8	414.9	254	14.7	1708.2	1207.3				
190	16.9	672.7	427.8	255	15.4	1723.6	1218.7				
191	16.0	688.7	439.8	256	15.6	1739.2	1230.3				
192	15.3	704.0	451.0	257	15.3	1754.5	1241.6				

STN 136 DEPTH 7.1M







RICHIBOUCTOU NB
46.69N 64.83W 1115Z 08/05/89 - 0315Z 29/10/89
INST. 64365

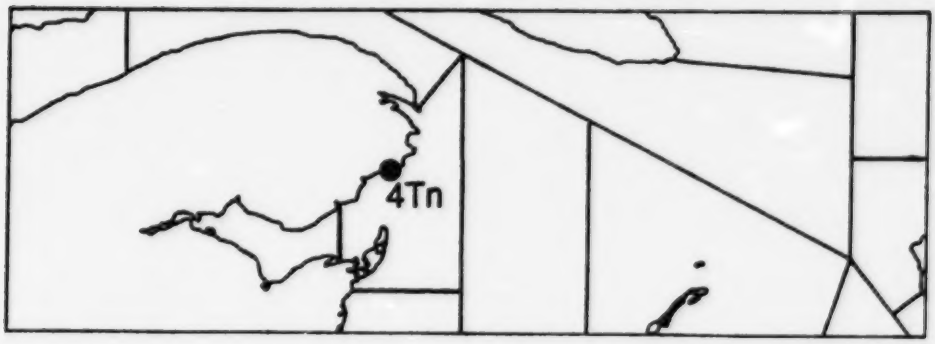
GRANDE RIVIERE PQ

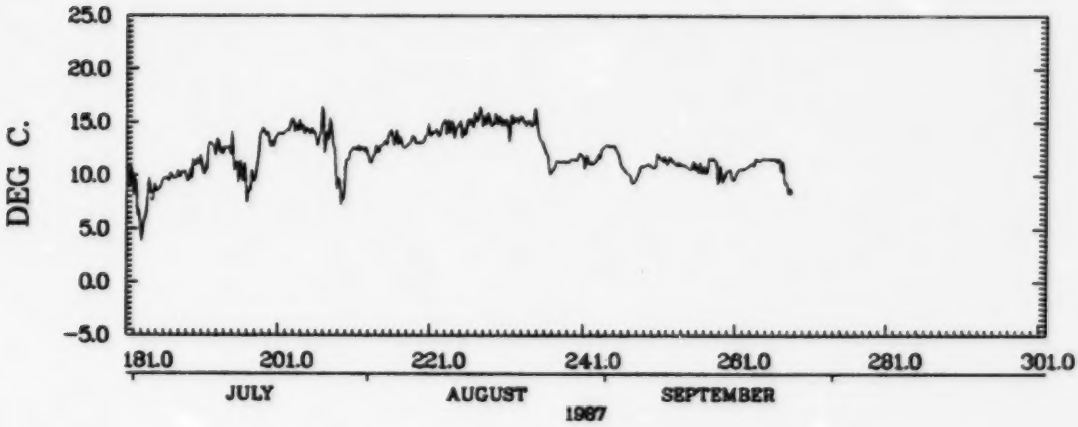
STA. 4TN 117

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
9.0M.	9.0M.	48.38	64.50	30/ 6/ 87	25/ 9/ 87

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
181	9.8	9.8	5.8	246	10.5	822.1	558.1				
182	7.6	17.5	9.5	247	9.6	831.7	563.7				
183	5.9	23.4	11.4	248	10.5	842.2	570.2				
184	8.6	32.0	16.0	249	11.0	853.2	577.2				
185	8.9	40.9	20.9	250	11.2	864.4	584.4				
186	9.8	50.7	26.7	251	11.6	876.0	592.0				
187	9.9	60.6	32.6	252	11.4	887.4	599.4				
188	10.2	70.8	38.8	253	11.1	898.5	606.5				
189	10.1	81.0	45.0	254	10.9	909.4	613.4				
190	11.3	92.3	52.3	255	10.9	920.3	620.3				
191	10.9	103.2	59.2	256	10.6	931.0	627.0				
192	12.7	115.9	67.9	257	11.1	942.1	634.1				
193	12.6	128.5	76.5	258	10.8	952.9	640.9				
194	12.5	141.0	85.0	259	10.1	963.0	647.0				
195	11.4	152.4	92.4	260	10.1	973.0	653.0				
196	10.3	162.7	98.7	261	10.4	983.4	659.4				
197	8.9	171.6	103.6	262	10.7	994.1	666.1				
198	11.8	183.3	111.3	263	11.2	1005.4	673.4				
199	14.0	197.3	121.3	264	11.5	1016.9	680.9				
200	13.1	210.4	130.4	265	11.6	1028.5	688.5				
201	13.9	224.4	140.4	266	11.5	1039.9	695.9				
202	14.6	238.9	150.9	267	10.2	1050.1	702.1				
203	14.7	253.7	161.7	268	8.5	1058.6	706.6				
204	14.4	268.1	172.1								
205	14.2	282.2	182.2								
206	14.0	296.2	192.2								
207	14.1	310.3	202.3								
208	12.1	322.4	210.4								
209	8.6	331.0	215.0								
210	11.9	342.9	222.9								
211	12.6	355.5	231.5								
212	12.4	367.9	239.9								
213	11.7	379.6	247.6								
214	12.7	392.2	256.2								
215	13.5	405.7	265.7								
216	13.6	419.3	275.3								
217	13.0	432.3	284.3								
218	13.2	445.5	293.5								
219	13.2	458.7	302.7								
220	13.7	472.4	312.4								
221	14.1	486.5	322.5								
222	14.3	500.8	332.8								
223	14.7	515.5	343.5								
224	14.4	530.0	354.0								
225	14.4	544.4	364.4								
226	15.2	559.5	375.5								
227	15.6	575.1	387.1								
228	15.4	590.6	398.6								
229	15.1	605.6	409.6								
230	15.1	620.7	420.7								
231	14.9	635.6	431.6								
232	15.3	650.9	442.9								
233	15.1	666.0	454.0								
234	15.2	681.3	465.3								
235	13.5	694.8	474.8								
236	11.3	706.0	482.0								
237	11.0	717.1	489.1								
238	11.3	728.4	496.4								
239	11.4	739.8	503.8								
240	11.8	751.6	511.6								
241	11.3	763.0	519.0								
242	11.3	774.3	526.3								
243	12.4	786.7	534.7								
244	12.8	799.5	543.5								
245	12.1	811.6	551.6								

STN 117 DEPTH 9M





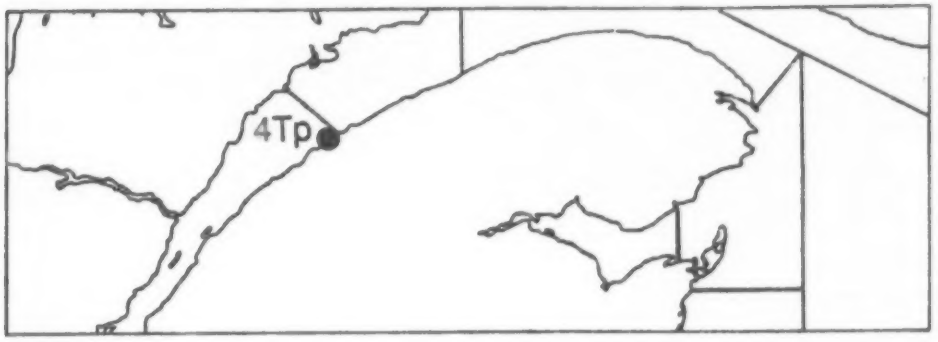
GRANDE RIVIERE PQ
48.38N 64.58W 0400Z 30/06/87 - 1200Z 25/09/87
INST. 64141

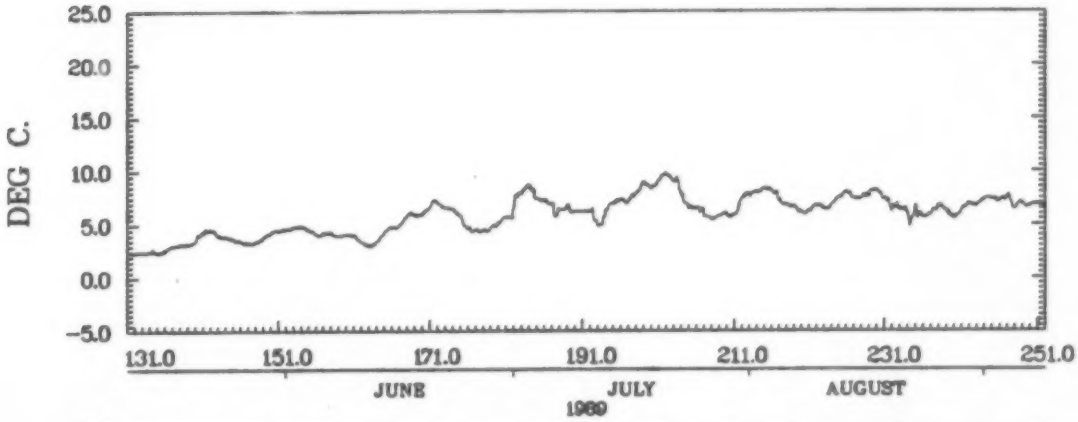
IML SALT WATER INTAKE STA. 4TP 151

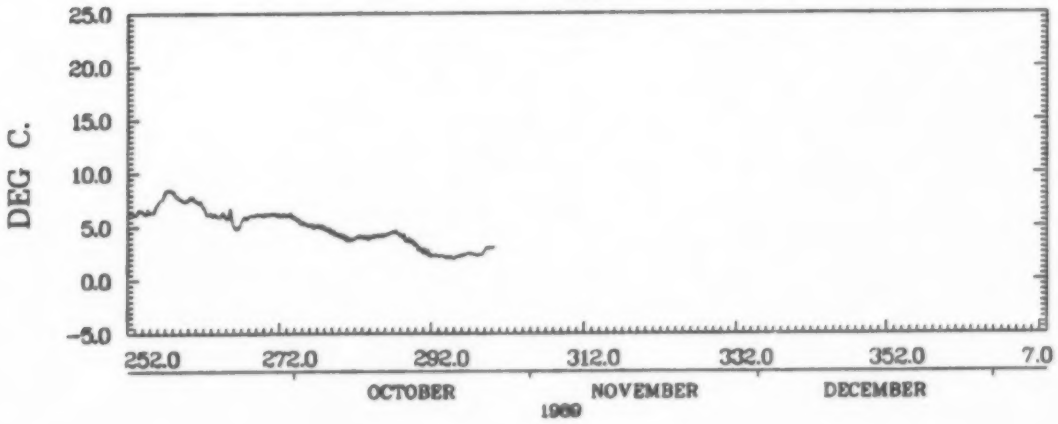
WATER DEPTH 15.0M. INST DEPTH 15.0M. LATITUDE 48.64 LONGITUDE 68.15 FROM 11/ 5/1989 TO 27/10/1989

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
131	2.4	2.4	.0	196	7.2	320.8	73.0	261	7.2	780.9	273.1
132	2.4	4.8	.0	197	7.6	328.4	76.6	262	6.3	787.2	275.5
133	2.4	7.2	.0	198	8.3	336.7	81.0	263	6.1	793.3	277.5
134	2.5	9.7	.0	199	8.6	345.3	85.6	264	6.1	799.3	279.6
135	2.4	12.1	.0	200	8.7	354.0	90.3	265	5.9	805.2	281.5
136	2.8	15.0	.0	201	9.5	363.6	95.8	266	5.0	810.2	282.5
137	3.1	18.1	.0	202	9.4	372.9	101.2	267	5.8	816.0	284.3
138	3.2	21.3	.0	203	8.8	381.7	105.9	268	6.1	822.1	286.3
139	3.3	24.5	.0	204	7.0	388.7	109.0	269	6.1	828.2	288.4
140	4.0	28.5	.0	205	6.6	395.3	111.5	270	6.1	834.3	290.6
141	4.5	33.0	.5	206	6.3	401.6	113.9	271	6.2	840.5	292.7
142	4.3	37.3	.8	207	5.6	407.3	115.5	272	6.1	846.6	294.8
143	3.9	41.2	.8	208	5.6	412.9	117.1	273	6.0	852.6	296.8
144	3.8	45.0	.8	209	5.9	418.8	119.1	274	5.6	858.2	298.4
145	3.5	48.5	.8	210	5.8	424.6	120.8	275	5.2	863.4	299.7
146	3.3	51.9	.8	211	6.5	431.1	123.4	276	5.0	868.5	300.7
147	3.3	55.2	.8	212	7.8	438.9	127.1	277	5.0	873.5	301.7
148	3.6	58.7	.8	213	7.9	446.8	131.0	278	4.7	878.1	302.4
149	4.0	62.8	.8	214	8.1	454.9	135.1	279	4.3	882.4	302.7
150	4.4	67.2	1.3	215	8.3	463.2	139.4	280	4.0	886.4	302.7
151	4.6	71.7	1.8	216	7.8	471.0	143.3	281	3.8	890.2	302.7
152	4.7	76.4	2.5	217	6.9	478.0	146.2	282	4.0	894.2	302.7
153	4.8	81.2	3.3	218	6.7	484.7	148.9	283	4.0	898.2	302.7
154	4.7	85.9	4.0	219	6.4	491.0	151.3	284	4.1	902.3	302.8
155	4.4	90.3	4.4	220	6.1	497.1	153.4	285	4.1	906.4	302.9
156	4.1	94.3	4.4	221	6.5	503.6	155.9	286	4.3	910.7	303.2
157	4.2	98.6	4.7	222	6.7	510.3	158.6	287	4.4	915.1	303.6
158	4.0	102.6	4.7	223	6.5	516.8	161.0	288	3.9	919.0	303.6
159	4.0	106.6	4.7	224	7.1	523.9	164.2	289	3.5	922.5	303.6
160	4.1	110.7	4.8	225	7.7	531.7	167.9	290	2.9	925.5	303.6
161	3.7	114.4	4.8	226	7.7	539.4	171.7	291	2.5	928.0	303.6
162	3.2	117.6	4.8	227	7.4	546.8	175.0	292	2.3	930.3	303.6
163	3.1	120.8	4.8	228	7.7	554.5	178.7	293	2.2	932.5	303.6
164	3.8	124.5	4.8	229	8.1	562.6	182.8	294	2.1	934.6	303.6
165	4.6	129.1	5.4	230	7.8	570.3	186.6	295	2.2	936.7	303.6
166	4.8	133.9	6.2	231	7.0	577.3	189.5	296	2.4	939.1	303.6
167	5.4	139.3	7.5	232	6.6	583.9	192.2	297	2.4	941.6	303.6
168	6.0	145.3	9.6	233	6.3	590.2	194.5	298	2.4	944.0	303.6
169	5.9	151.2	11.4	234	5.6	595.8	196.1	299	3.0	946.9	303.6
170	6.3	157.5	13.7	235	6.0	601.8	198.1	300	3.0	950.0	303.6
171	7.1	164.6	16.8	236	5.8	607.6	199.8				
172	6.8	171.4	19.6	237	6.3	613.9	202.1				
173	6.6	177.9	22.2	238	6.5	620.4	204.7				
174	6.1	184.1	24.3	239	5.9	626.3	206.5				
175	5.1	189.2	25.5	240	5.8	632.1	208.4				
176	4.5	193.7	26.0	241	6.6	638.7	211.0				
177	4.4	198.2	26.4	242	6.8	645.6	213.8				
178	4.5	202.7	26.9	243	7.1	652.6	216.9				
179	4.9	207.6	27.8	244	7.4	660.0	220.3				
180	5.5	213.0	29.3	245	7.3	667.3	223.6				
181	5.8	218.8	31.1	246	7.4	674.7	226.9				
182	7.7	226.6	34.8	247	7.1	681.8	230.0				
183	8.4	235.0	39.2	248	6.9	688.6	232.9				
184	8.0	243.0	43.2	249	6.7	695.4	235.6				
185	7.3	250.3	46.6	250	6.9	702.2	238.5				
186	7.1	257.4	49.6	251	6.8	709.0	241.2				
187	6.2	263.6	51.9	252	6.3	715.3	243.6				
188	6.5	270.1	54.3	253	6.4	721.7	246.0				
189	6.4	276.4	56.7	254	6.3	728.0	248.3				
190	6.2	282.6	58.9	255	6.6	734.7	250.9				
191	6.2	288.8	61.1	256	7.6	742.3	254.5				
192	5.7	294.6	62.8	257	8.4	750.7	258.9				
193	5.2	299.7	64.0	258	7.9	758.6	262.8				
194	6.7	306.4	66.6	259	7.5	766.0	266.3				
195	7.2	313.6	69.8	260	7.6	773.7	269.9				

STN 151 DEPTH 15M







IML SALT WATER INTAKE PQ
48.70N 68.00W 1200Z 11/05/89 - 0600Z 27/10/89
INST. 4338

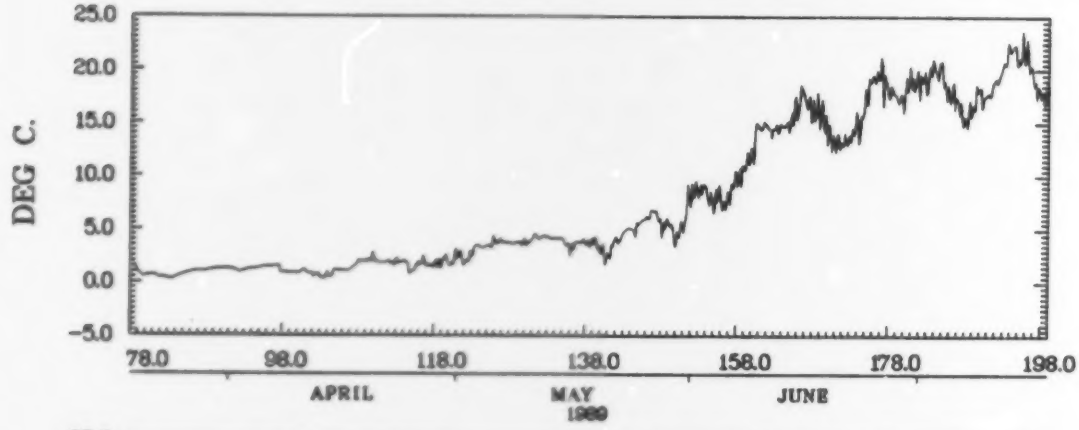
LES ESCOUMAINS PQ

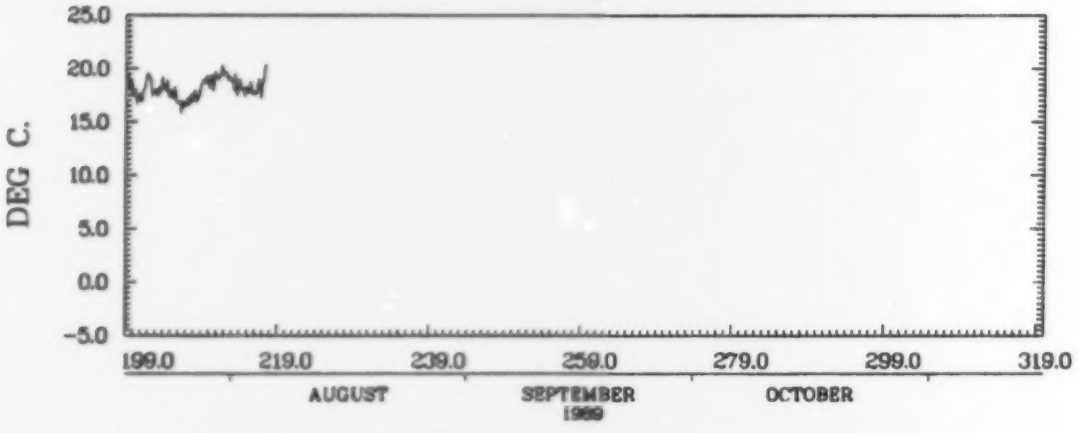
STA. 4TP 132

WATER DEPTH	INST DEPTH	LATITUDE	LONGITUDE	FROM	TO
13.0M.	13.0M.	48.32	69.41	19/ 3/ 89	5/ 8/ 89

DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)	DAY	MEAN TEMP	DEG DAY(0)	DEG DAY(4)
78	1.3	1.3	.0	143	5.0	137.9	2.1	208	17.7	1105.6	709.8
79	.7	2.0	.0	144	5.0	142.9	3.1	209	18.8	1124.5	724.6
80	.7	2.7	.0	145	5.8	148.8	4.9	210	19.1	1143.5	739.7
81	.6	3.3	.0	146	6.5	155.2	7.4	211	19.4	1163.0	755.1
82	.4	3.7	.0	147	6.3	161.6	9.7	212	19.2	1182.2	770.3
83	.4	4.0	.0	148	5.3	166.9	11.0	213	18.3	1200.5	784.6
84	.6	4.6	.0	149	4.6	171.5	11.6	214	18.0	1218.4	798.6
85	.9	5.5	.0	150	4.9	176.4	12.6	215	17.9	1236.4	812.5
86	1.0	6.5	.0	151	7.0	183.5	15.6	216	18.2	1254.5	826.7
87	1.1	7.6	.0	152	8.6	192.1	20.2	217	19.6	1274.1	842.3
88	1.2	8.8	.0	153	9.0	201.0	25.2				
89	1.3	10.0	.0	154	7.7	208.7	28.9				
90	1.3	11.3	.0	155	8.1	216.8	33.0				
91	1.2	12.5	.0	156	7.6	224.4	36.5				
92	1.0	13.5	.0	157	9.3	233.7	41.8				
93	1.2	14.7	.0	158	10.1	243.7	47.9				
94	1.3	16.0	.0	159	11.5	255.3	55.4				
95	1.4	17.4	.0	160	13.7	269.0	65.2				
96	1.5	19.0	.0	161	14.8	283.8	75.9				
97	1.3	20.3	.0	162	14.4	298.1	86.3				
98	.9	21.2	.0	163	14.6	312.7	96.9				
99	.9	22.1	.0	164	14.8	327.5	107.6				
100	1.0	23.1	.0	165	16.0	343.5	119.6				
101	.9	24.0	.0	166	17.5	361.0	133.2				
102	.7	24.7	.0	167	16.4	377.4	145.6				
103	.5	25.2	.0	168	16.1	393.5	157.7				
104	.8	26.0	.0	169	15.0	408.6	168.7				
105	1.1	27.1	.0	170	13.5	422.1	178.2				
106	1.1	28.2	.0	171	13.2	435.3	187.4				
107	1.6	29.8	.0	172	13.5	448.8	196.9				
108	2.0	31.8	.0	173	14.6	463.3	207.5				
109	2.2	34.0	.0	174	15.5	478.8	219.0				
110	2.0	35.9	.0	175	18.6	497.4	233.5				
111	1.9	37.8	.0	176	19.7	517.0	249.2				
112	1.9	39.7	.0	177	18.6	535.7	263.8				
113	1.9	41.6	.0	178	17.8	553.5	277.7				
114	1.5	43.1	.0	179	17.0	570.5	290.7				
115	1.4	44.5	.0	180	18.7	589.2	305.4				
116	1.9	46.4	.0	181	18.8	608.0	320.1				
117	1.6	48.0	.0	182	19.1	627.1	335.2				
118	1.8	49.8	.0	183	19.9	647.0	351.2				
119	2.2	52.0	.0	184	20.0	667.0	367.2				
120	2.2	54.1	.0	185	18.1	685.2	381.3				
121	2.3	56.5	.0	186	17.5	702.7	394.8				
122	2.2	58.7	.0	187	15.9	718.6	406.8				
123	3.3	62.0	.0	188	15.8	734.4	418.6				
124	3.3	65.3	.0	189	17.6	752.0	432.2				
125	3.7	69.0	.0	190	17.5	769.5	445.7				
126	3.8	72.8	.0	191	18.3	787.9	460.0				
127	3.8	76.6	.0	192	19.5	807.3	475.5				
128	3.7	80.3	.0	193	21.4	828.8	492.9				
129	3.8	84.1	.0	194	21.6	850.4	510.5				
130	3.8	87.9	.0	195	21.4	871.7	527.9				
131	4.3	92.2	.3	196	20.7	892.4	544.5				
132	4.3	96.5	.6	197	18.1	910.5	558.6				
133	4.2	100.7	.8	198	17.8	928.3	572.4				
134	4.1	104.8	.9	199	18.5	946.7	586.9				
135	3.4	108.2	.9	200	17.4	964.1	600.2				
136	3.5	111.8	.9	201	18.4	982.5	614.7				
137	3.9	115.6	.9	202	18.3	1000.8	628.9				
138	3.7	119.3	.9	203	18.1	1018.9	643.0				
139	3.5	122.9	.9	204	18.0	1036.9	657.0				
140	2.6	125.5	.9	205	17.3	1054.1	670.3				
141	3.3	128.8	.9	206	16.6	1070.7	682.9				
142	4.1	132.9	1.0	207	17.2	1087.9	696.1				

STN 132 DEPTH 13M





LES ESCOUMAINS PQ
48.32N 69.41W 1500Z 19/03/89 - 0700Z 05/08/89
INST. 64162